

SEVERN
TRENT
SERVICES

January 11, 2001

STL LOT NUMBER: **E1A030216**
PO/CONTRACT: 05160-SEV002

Rus Purcell
Kennedy/Jenks Consultants
2151 Michelson Drive
Suite 100
Irvine, CA 92612

Dear Mr. Purcell,

This report contains the analytical results for the 23 samples received under chain of custody by STL Los Angeles on January 3, 2001. These samples are associated with your Boeing former C-6 Torrance Harbor Gateway project.

STL Los Angeles certifies that the test results provided in this report meet all the requirements of NELAC. All applicable quality control procedures meet method-specified acceptance criteria. Any matrix related anomaly is footnoted within the report.

This report shall not be reproduced except in full, without the written approval of the laboratory.

If you have any questions, please feel free to call me at 714-258-8610.

Sincerely,



Diane Suzuki
Project Manager

cc: Project File

000179

This page contains a total of _____ pages.



SEVERN TRENT LABORATORIES

No. 201962

CHAIN OF CUSTODY RECORD

CUSTOMER INFORMATION		PROJECT INFORMATION		BILLING INFORMATION		NUMBER OF CONTAINERS	REMARKS/PRECAUTIONS	
COMPANY: <i>Kennedy Tanks</i>	PROJECT NAME/NUMBER: <i>024032-01</i>	SEND REPORT TO: <i>JAY KNIGHT</i>	BILL TO:	ADDRESS: <i>2151 MICHAELSON DR. SUITE 100</i>	ADDRESS: <i>IRVING CA 92612</i>			PHONE: <i>949-261-1527</i>
FAX: <i></i>	FAX: <i></i>							
SAMPLE NO.	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	CONTAINER	PRESERV.		
<i>R-7-5</i>	<i>1-3-01</i>	<i>8:40</i>	<i>8:45</i>	<i>Soil</i>	<i>ACETATE</i>	<i>ICE</i>	<i>X</i>	
<i>-10</i>								
<i>-15</i>		<i>9:00</i>						
<i>-20</i>		<i>9:12</i>					<i>X</i>	
<i>-24</i>		<i>9:35</i>					<i>X</i>	
<i>P-20-2-S</i>		<i>9:50</i>					<i>X</i>	
<i>-10</i>		<i>10:00</i>					<i>X</i>	
<i>-15</i>		<i>10:05</i>					<i>X</i>	
<i>C-2-318-5</i>		<i>10:35</i>					<i>X</i>	
<i>-10</i>		<i>10:40</i>		<i>Soil</i>	<i>ACETATE</i>	<i>ICE</i>	<i>X</i>	
SAMPLER: <i>Tim</i>	SHIPMENT METHOD: <i></i>						AIRBILL NO.: <i></i>	
REQUIRED TURNAROUND*	<input type="checkbox"/> SAME DAY	<input type="checkbox"/> 24 HOURS	<input type="checkbox"/> 48 HOURS	<input type="checkbox"/> 72 HOURS	<input type="checkbox"/> 5 DAYS	<input type="checkbox"/> 10 DAYS	<input type="checkbox"/> ROUTINE	<input type="checkbox"/> OTHER
1. REINQUISITIONED BY: <i>Tim Doyle</i>	DATE <i>1/13/01</i>	2. REINQUISITED BY: <i>John</i>		DATE <i>1/16/01</i>	3. REINQUISITED BY: <i>John</i>		DATE <i>1/16/01</i>	
PRINTED NAME/COMPANY: <i>T. Doyle</i>	TIME <i>4:00</i>	PRINTED NAME/COMPANY: <i>John</i>		TIME <i>16:05</i>	PRINTED NAME/COMPANY: <i>John</i>		TIME <i>16:05</i>	
1. RECEIVED BY: <i>John</i>	DATE <i>1/13/01</i>	2. RECEIVED BY: <i>John</i>		DATE <i>1/16/01</i>	3. RECEIVED BY: <i>John</i>		DATE <i>1/16/01</i>	
PRINTED NAME/COMPANY: <i>John</i>	TIME <i>6:00</i>	PRINTED NAME/COMPANY: <i>John</i>		TIME <i>9:00</i>	PRINTED NAME/COMPANY: <i>John</i>		TIME <i>9:00</i>	

* RUSH TURNAROUND MAY REQUIRE SURCHARGE

SEVERN TRENT LABORATORIES

1721 South Grand Avenue
Santa Ana, CA 92705

Phone: (714) 258-8610 / Fax: (714) 258-0921

SEVERN TRENT
LABORATORIES, INC.
STANDARD TERMS
AND CONDITIONS

ACCEPTANCE. Severn Trent Laboratories, Inc. (hereafter referred to as "STL") offers and will accept orders for services (as defined herein) only under the following Standard Terms and Conditions (the "Terms"). These Terms shall not apply if STL and the Customer shall have executed a separate agreement in writing. If specific Terms are not incorporated in the separate agreement those Terms will apply to the Customer. No modifications to the Terms shall be valid and binding unless in writing and signed by an authorized representative of STL. Customer's order for services shall be subject to the Terms and the Terms shall be binding upon receipt of samples to STL. Either party may terminate this agreement at any time by giving written notice of such termination to the other party. Upon termination the customer is subject to payment for all services rendered and expenses incurred up to date in accordance with the applicable Price Schedule.

INSURANCE. STL maintains insurance coverage with minimum limits as follows: (a) Comprehensive General Liability- \$1,000,000 each occurrence \$2,000,000 annual aggregate; (b) Comprehensive Automotive Liability Bodily Injury and Property Damage- \$1,000,000 each occurrence. (c) Workman's Compensation- \$500,000 each occurrence and \$500,000 each employee; STL and Customer agree to furnish the other, upon request, certificates attesting to the existence of insurance coverage.

INDEPENDENT CONTRACTOR. STL's relationship with Customer under this agreement shall be that of an independent contractor. Nothing in this Agreement shall be construed to designate STL, or any of its employees or subcontractors, as employees, joint venturers or partners of Customer.

SUBCONTRACTING. STL shall have the right to subcontract any and all services, duties, and obligations hereunder, in whole or in part with the consent of the Customer in a timely response which shall not be unreasonably refused. Subcontractor shall be bound by the same Terms of performance as STL.

BILLING. All fees are charged or billed directly to the Customer. The billing of a third party will not be accepted without a statement, signed by the third party, which acknowledges and accepts payment responsibility.

PAYMENT. Payment in advance is required for all Customers except those whose credit has been established with STL. Customers with STL approved credit, terms are Net 30 days, after which time a 1-1/2% per month late charge is added to all unpaid balances. Failure of the Customer to pay according to Terms gives STL the right to withhold delivery of future data until all past due invoices have been settled. Customer shall pay all costs and expenses incident to the collection of past due amounts, including reasonable attorney's fees. No retainage of fees by the customer is allowed without the consent of STL.

MODIFICATIONS. If the sample received is of unknown character than in the original quote, or if due to the composition of the sample the original procedure specified is not practicable or likely to produce reliable results, Customer will be promptly notified. Modified procedures will be suggested and STL may quote new prices for such modifications. Upon agreement of such modification, the original quote shall be deemed amended and the samples in question shall be deemed to have been received.

TIME OF PERFORMANCE. STL will use its best efforts to comply with storage, processing and analytical time limits requested by the Customer. Unless specifically agreed to in writing between STL and Customer, the time performance of any testing or other services performed by STL under this agreement is not guaranteed and STL shall have no liability for failure to perform such services within the time requested. Quick turnaround times are available at a premium cost which will be defined in the quote, providing STL workload availability.

LIMITATION OF DAMAGES. STL is not an insurer of services rendered and the payments mentioned are based solely on the value of the services provided pursuant to this agreement. STL's liability to the Customer and the Customer's exclusive remedy for any cause of action alleged against STL, whether based in contract, tort, or otherwise, shall be limited solely to the amount paid by the Customer for the services performed. In no event shall STL be liable for incidental or consequential damages including, without limitation, business interruption, loss of use, or loss of profits incurred by the Customer, its subsidiaries, affiliates, successors or assigns, arising out of or related to this agreement or the performance of services hereunder.

WARRANTY. STL makes no warranty or representation, express or implied, or guarantee of results from the performance of services pursuant to this Agreement. Any information, recommendation, interpretation, or opinion by STL is

based upon inferences and assumptions which are subject to error, and with respect to which analysis may differ. Accordingly, STL does not assume any liability with respect to the use of, or for damages resulting from the use of, any information, data, test results, analysis, apparatus, method, or process disclosed by STL. STL makes no presentation or warranty of any kind, including but not limited to, the warranties of fitness for a particular purpose or merchantability, nor are any such warranties to be implied with respect to the data or service furnished. STL assumes no responsibility with respect to Customer's use thereof.

LIMITATION ACTION. No action, regardless of form, arising out of or brought in connection with any services provided under this Agreement may be brought by the Customer more than one year after the performance of said services by STL. It is expressly agreed that STL shall have no liability to Customer unless that liability arises out of the willful misconduct or gross negligence of STL or its duly authorized employees.

CONFIDENTIALITY. Data and the sample materials provided by Customer or at Customer's request and the result obtained by STL shall be held in confidence (unless such information is generally available to the public or is in the public domain or Customer has failed to pay STL for all services rendered or is otherwise in breach of this Agreement) subject to any disclosure required by law or legal process. STL's reports and the data and information provided therein are for the exclusive use and benefit of Customer and Customer agrees there shall be no third party beneficiary of such reports, data, or information. Customer will not disclose to any third party any information concerning STL's technical information, software programs, or other formulations.

SEVERABILITY. The provisions of this Agreement shall be severable, and if any clause, sentence, paragraph, provision or other part hereof shall be adjudged by any court of competent jurisdiction to be invalid, such judgment shall not affect, impair or invalidate the remainder hereof, which remainder shall continue in full force and effect.

WAIVER. No waiver by either party of any breach, default or violation of any term, warranty, representation, agreement, covenant, condition or provision hereof shall constitute a waiver of any subsequent breach, default or violation of the same or any other term, warranty, representation, agreement, covenant, condition or provision hereof. All waivers must be in writing.

FORCE MAJEURE. Obligation of either party under this Agreement shall be suspended, and such party shall not be liable for damages or other remedies while such party is prevented from complying therewith, in whole or in part, due to contingencies beyond its reasonable control, including, but not limited to, strikes, riots, war, fire, act of God, injunction, compliance with any law, regulation or order, whether valid or invalid, of the United States of America or any other governmental body or any instrumentality, matrix interference or unknown highly contaminated samples that impact instrument operations thereof, whether now existing or hereafter created, inability to secure materials or obtain necessary permits, provided, however, the party so prevented from complying with its obligations hereunder shall promptly notify the other party thereof.

LITIGATION. All costs associated with compliance to any subpoena for documents, for testimony in court of law, or for any other purpose relating to work performed by STL, in connection with work performed for the Customer, shall be paid by the Customer. Such costs shall include, but are not limited to, hourly charges for persons involved in responding to subpoenas, travel and accommodations, mileage, attorney's preparation of testifier and advice of counsel in connection with response to subpoenas, and all other expenses deemed reasonable and associated with said litigation.

HAZARDOUS WASTE. Unused portions of samples found or suspected to be hazardous according to state or federal guidelines may be returned to the Customer upon completion of the analytical work. The cost of returning the sample may be invoiced to the Customer. The sample portions thereof remain the property of the Customer at all times. All radioactive or dioxin containing samples will be returned to the sampling site or to the Customer at the Customer's expense.

RETENTION OF SAMPLES. All routine samples are retained in our storage facilities for 30 days after report generation unless prior arrangements have been made. Samples may be held longer per Customers request for an additional fee.

RETENTION OF REPORTS. STL shall retain copies of analytical reports for a period of 5 years after report date, after which such reports may be destroyed or returned to the Customer at Customers expense. If Customer requests additional copies of such analytical reports during the retention period, an additional charge will apply for the preparation and printing of such reports.

COMPLIANCE WITH LAW. In the performance of all services to be provided hereunder, STL and Customer agree to comply with all applicable Federal, State and local laws and ordinances and all lawful orders, rules and regulations of any constituted authority.

APPLICABLE LAW. The validity, performance and construction of this Agreement shall be governed by and construed in accordance with the laws of the State of Delaware.

Analysis Request and C in of Custody Record

ORANGE COAST ANALYTICAL, INC.

3002 Dow, Suite 532
Tustin, CA 92780
(714) 832-0064, Fax (714) 832-0067

4620 E. Elwood, Suite 4
Phoenix, AZ 85040
(480) 736-0960 Fax (480) 736-0970



Lab Job No:	_____
Page	_____
of	_____
REQUIRED TAT:	

CUSTOMER INFORMATION		PROJECT INFORMATION						ANALYSIS METHOD REDUCTION	REMARKS/PRECAUTIONS				
COMPANY: <i>Kennedy Tanks</i>	SEND REPORT TO: <i>Jay Knight</i>	PROJECT NAME: <i>Bonny</i>	NUMBER: <i>Ass 4032-01</i>	LOCATION: <i>Torrence</i>	ADDRESS: <i>214 Michelson Dr Ste 100 Traverse, Ca 92612</i>	NO. OF CONTAINERS	SAMPLE DATE			SAMPLE TIME	SAMPLE MATRIX	CONTAINER TYPE	PRES.
PHONE 949-261-1577 FAX:		SAMPLED BY: <i>Tina</i>											
C-2-318-15		1	1/3/01	10:45	Soil	ACETATE	1/26	X	X	X	X		
C-2-319-5				11:00				X	X	X	X		
-10				11:10				X	X	X	X		
-15				11:15				X	X	X	X		
C-2-321-5				1:10				X	X	X	X		
C-2-322-1'				1:47				X	X	X	X		
-5'				2:00				X	X	X	X		
C-2-323-5'				2:25				X	X	X	X		
-10				2:35				X	X	X	X		
C-2-324-1'				2:50				X	X	X	X		
-5'				3:00				X	X	X	X		
<i>Trip Blank Rinsates</i>													
Method of Shipment:													
Total No. of Samples:	Date/Time:	Received By:	Date/Time:	Reporting Format: (check)									
Relinquished By:	<i>Linda Doyle</i>	<i>Linda Doyle</i>	<i>1/3/01 1514</i>	NORMAL	_____	S.D. HMMD	_____						
Relinquished By:	Date/Time:	Received By:	Date/Time:	RWQCB	_____	OTHER	_____						
Relinquished By:	Date/Time:	Received For Lab By:	Date/Time:	Sample Integrity: (check)									
				intact	on ice								

All samples remain the property of the client who is responsible for disposal. A disposal fee may be imposed if client fails to pickup samples.

STL - LOS ANGELES
PROJECT RECEIPT CHECKLIST

Quantms Lot #: EIA 030216
Client Name: KENNEDY JINKS
Received by: AV
Delivered by : Client Airborne Fed Ex
 UPS DES Other MIKE Ho

Date: 01-03-01

Quote #: _____
Project: 004032.01
Date/Time Received: _____
 DHL Ultra-Ex Rey B.

Initial / Date

Custody Seal Status: Intact Broken None AV 01/03

Custody Seal #(s): No Seal # AV 01/03

Sample Container(s): STL-LA Client N/A AV 01/03

Temperature(s) (COOLER/BLANK) in °C: 6.0 (CORRECTED TEMP) AV 01/03

Thermometer Used : IR (Infra-red) Digital (Probe) AV 01/03

Samples: Intact Broken Other AV 01/03

Anomalies: No Yes (See Clouseau) AV 01/03

Labeled by AV 01/03

Labeling checked by AV 01/03

Turn Around Time: RUSH-24HR RUSH-48HR RUSH-72HR NORMAL AV 01/03

Short-Hold Notification: Ph Wet Chem Metals (Filter/Pres) Encore N/A AV 01/03

Outside Analysis(es) (Test/Lab/Date Sent Out) :
.....
.....
.....
.....
.....
.....

***** LEAVE NO BLANK SPACES ; USE N/A *****

Fraction	17021	22,23									PH
VOAh 1*		1									N/A
Poly sleeve	1										

h:HCl na:Sodium Hydroxide znna:Zinc Acetate/Sodium Hydroxide s: H2SO4 n: HNO3 nf:HNO3-Field filtered nf1:HNO3-Lab filtered
CGJ:Clear Glass Jar CGB:Clear Glass Bottle AGJ:Amber Glass Jar AGB:Amber Glass Bottle PB: Poly Bottle E:Encore Sampler V:VOA

* Number of VOA's w/ Headspace present

LOGGED BY/DATE: AB 01/03/01

REVIEWED BY/DATE: JL 1/4/01

PRC Ver. 5 030200 KRF

QANACAO11WA Precise Sample Control Form

000004

EXECUTIVE SUMMARY - Detection Highlights

E1A030216

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>ANALYTICAL METHOD</u>
R_7_5 01/03/01 08:40 001				
1,1-Dichloroethene	11	5.0	ug/kg	SW846 8260B
Trichloroethene	6.3	5.0	ug/kg	SW846 8260B
Tetrachloroethene	23	5.0	ug/kg	SW846 8260B
R_7_10 01/03/01 08:45 002				
1,1-Dichloroethene	6.2	5.0	ug/kg	SW846 8260B
Trichloroethene	3.6 J	5.0	ug/kg	SW846 8260B
Tetrachloroethene	5.7	5.0	ug/kg	SW846 8260B
R_7_15 01/03/01 09:00 003				
1,1-Dichloroethene	24	5.0	ug/kg	SW846 8260B
Trichloroethene	30	5.0	ug/kg	SW846 8260B
Tetrachloroethene	43	5.0	ug/kg	SW846 8260B
R_7_20 01/03/01 09:12 004				
1,1-Dichloroethene	5.2	5.0	ug/kg	SW846 8260B
Trichloroethene	5.0	5.0	ug/kg	SW846 8260B
Tetrachloroethene	8.6	5.0	ug/kg	SW846 8260B
R_7_24 01/03/01 09:35 005				
1,1-Dichloroethene	3.8 J	5.0	ug/kg	SW846 8260B
Trichloroethene	6.9	5.0	ug/kg	SW846 8260B
Tetrachloroethene	5.6	5.0	ug/kg	SW846 8260B
P_20_2_5 01/03/01 09:50 006				
Aluminum	17700	20.0	mg/kg	SW846 6010B
Arsenic	2.7	1.0	mg/kg	SW846 6010B
Antimony	0.35 B	6.0	mg/kg	SW846 6010B
Barium	85.1	2.0	mg/kg	SW846 6010B
Cadmium	0.19 B	0.50	mg/kg	SW846 6010B
Chromium	21.9	1.0	mg/kg	SW846 6010B
Beryllium	0.57	0.50	mg/kg	SW846 6010B
Lead	5.0	0.50	mg/kg	SW846 6010B
Cobalt	8.3	5.0	mg/kg	SW846 6010B
Copper	14.6	2.5	mg/kg	SW846 6010B
Molybdenum	1.0 B	4.0	mg/kg	SW846 6010B
Nickel	11.2	4.0	mg/kg	SW846 6010B
Thallium	1.2	1.0	mg/kg	SW846 6010B

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000005

EXECUTIVE SUMMARY - Detection Highlights

E1A030216

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
P_20_2_5 01/03/01 09:50 006				
Vanadium	43.9	5.0	mg/kg	SW846 6010B
Zinc	38.7	2.0	mg/kg	SW846 6010B
1,1-Dichloroethene	3.1 J	5.0	ug/kg	SW846 8260B
Trichloroethene	4.3 J	5.0	ug/kg	SW846 8260B
P_20_2_10 01/03/01 10:00 007				
Mercury	0.051 B	0.10	mg/kg	SW846 7471A
Aluminum	29900	20.0	mg/kg	SW846 6010B
Arsenic	5.0	1.0	mg/kg	SW846 6010B
Antimony	0.91 B	6.0	mg/kg	SW846 6010B
Barium	155	2.0	mg/kg	SW846 6010B
Cadmium	0.67	0.50	mg/kg	SW846 6010B
Chromium	38.5	1.0	mg/kg	SW846 6010B
Beryllium	0.88	0.50	mg/kg	SW846 6010B
Lead	7.0	0.50	mg/kg	SW846 6010B
Cobalt	14.0	5.0	mg/kg	SW846 6010B
Copper	32.4	2.5	mg/kg	SW846 6010B
Molybdenum	2.2 B	4.0	mg/kg	SW846 6010B
Nickel	26.7	4.0	mg/kg	SW846 6010B
Thallium	1.8	1.0	mg/kg	SW846 6010B
Vanadium	71.7	5.0	mg/kg	SW846 6010B
Zinc	82.2	2.0	mg/kg	SW846 6010B
P_20_2_15 01/03/01 10:05 008				
Mercury	0.059 B	0.10	mg/kg	SW846 7471A
Aluminum	21100	20.0	mg/kg	SW846 6010B
Arsenic	5.0	1.0	mg/kg	SW846 6010B
Antimony	0.82 B	6.0	mg/kg	SW846 6010B
Barium	157	2.0	mg/kg	SW846 6010B
Cadmium	0.44 B	0.50	mg/kg	SW846 6010B
Chromium	26.3	1.0	mg/kg	SW846 6010B
Beryllium	0.61	0.50	mg/kg	SW846 6010B
Lead	4.9	0.50	mg/kg	SW846 6010B
Cobalt	12.0	5.0	mg/kg	SW846 6010B
Copper	27.4	2.5	mg/kg	SW846 6010B
Molybdenum	1.7 B	4.0	mg/kg	SW846 6010B
Nickel	21.5	4.0	mg/kg	SW846 6010B
Thallium	1.2	1.0	mg/kg	SW846 6010B
Vanadium	58.7	5.0	mg/kg	SW846 6010B
Zinc	65.0	2.0	mg/kg	SW846 6010B

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EXECUTIVE SUMMARY - Detection Highlights

E1A030216

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
C_2_318_5 01/03/01 10:35 009				
Mercury	0.034 B	0.10	mg/kg	SW846 7471A
Aluminum	23200	20.0	mg/kg	SW846 6010B
Arsenic	3.3	1.0	mg/kg	SW846 6010B
Antimony	0.36 B	6.0	mg/kg	SW846 6010B
Barium	134	2.0	mg/kg	SW846 6010B
Cadmium	0.33 B	0.50	mg/kg	SW846 6010B
Chromium	25.4	1.0	mg/kg	SW846 6010B
Beryllium	0.67	0.50	mg/kg	SW846 6010B
Lead	6.0	0.50	mg/kg	SW846 6010B
Cobalt	12.4	5.0	mg/kg	SW846 6010B
Copper	20.8	2.5	mg/kg	SW846 6010B
Molybdenum	1.4 B	4.0	mg/kg	SW846 6010B
Nickel	19.1	4.0	mg/kg	SW846 6010B
Thallium	0.87 B	1.0	mg/kg	SW846 6010B
Vanadium	50.9	5.0	mg/kg	SW846 6010B
Zinc	52.7	2.0	mg/kg	SW846 6010B
C_2_318_10 01/03/01 10:40 010				
C16-C17	19	10	mg/kg	SW846 8015B
C18-C19	18	10	mg/kg	SW846 8015B
C20-C23	9.4 J	10	mg/kg	SW846 8015B
Total Carbon Chain Range	54	10	mg/kg	SW846 8015B
Trichloroethene	2.0 J	5.0	ug/kg	SW846 8260B
C_2_319_5 01/03/01 11:00 012				
Mercury	0.046 B	0.10	mg/kg	SW846 7471A
Aluminum	22600	20.0	mg/kg	SW846 6010B
Arsenic	3.9	1.0	mg/kg	SW846 6010B
Antimony	0.61 B	6.0	mg/kg	SW846 6010B
Barium	138	2.0	mg/kg	SW846 6010B
Cadmium	0.30 B	0.50	mg/kg	SW846 6010B
Chromium	25.7	1.0	mg/kg	SW846 6010B
Beryllium	0.67	0.50	mg/kg	SW846 6010B
Lead	5.4	0.50	mg/kg	SW846 6010B
Cobalt	10.8	5.0	mg/kg	SW846 6010B
Copper	21.0	2.5	mg/kg	SW846 6010B
Molybdenum	1.4 B	4.0	mg/kg	SW846 6010B
Nickel	17.4	4.0	mg/kg	SW846 6010B
Thallium	1.3	1.0	mg/kg	SW846 6010B
Vanadium	53.4	5.0	mg/kg	SW846 6010B
Zinc	54.9	2.0	mg/kg	SW846 6010B

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000007

EXECUTIVE SUMMARY - Detection Highlights

E1A030216

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
C_2_319_10 01/03/01 11:10 013				
Methylene chloride	4.2 J	5.0	ug/kg	SW846 8260B
C_2_319_15 01/03/01 11:15 014				
Trichloroethene	2.7 J	5.0	ug/kg	SW846 8260B
C_2_321_5 01/03/01 13:20 015				
C16-C17	5.1 J	10	mg/kg	SW846 8015B
C18-C19	5.9 J	10	mg/kg	SW846 8015B
Total Carbon Chain Range	18	10	mg/kg	SW846 8015B
Aluminum	12200	20.0	mg/kg	SW846 6010B
Arsenic	2.5	1.0	mg/kg	SW846 6010B
Antimony	0.29 B	6.0	mg/kg	SW846 6010B
Barium	96.1	2.0	mg/kg	SW846 6010B
Cadmium	0.23 B	0.50	mg/kg	SW846 6010B
Chromium	16.0	1.0	mg/kg	SW846 6010B
Beryllium	0.44 B	0.50	mg/kg	SW846 6010B
Lead	4.8	0.50	mg/kg	SW846 6010B
Cobalt	9.1	5.0	mg/kg	SW846 6010B
Copper	13.8	2.5	mg/kg	SW846 6010B
Molybdenum	0.87 B	4.0	mg/kg	SW846 6010B
Nickel	10.5	4.0	mg/kg	SW846 6010B
Thallium	1.0	1.0	mg/kg	SW846 6010B
Vanadium	33.0	5.0	mg/kg	SW846 6010B
Zinc	32.3	2.0	mg/kg	SW846 6010B
C_2_322_1 01/03/01 13:47 016				
Mercury	0.030 B	0.10	mg/kg	SW846 7471A
Aluminum	24800	20.0	mg/kg	SW846 6010B
Arsenic	3.4	1.0	mg/kg	SW846 6010B
Antimony	0.30 B	6.0	mg/kg	SW846 6010B
Barium	177	2.0	mg/kg	SW846 6010B
Cadmium	0.32 B	0.50	mg/kg	SW846 6010B
Chromium	27.3	1.0	mg/kg	SW846 6010B
Beryllium	0.75	0.50	mg/kg	SW846 6010B
Lead	5.2	0.50	mg/kg	SW846 6010B
Cobalt	10.1	5.0	mg/kg	SW846 6010B
Copper	18.1	2.5	mg/kg	SW846 6010B
Molybdenum	1.3 B	4.0	mg/kg	SW846 6010B
Nickel	18.0	4.0	mg/kg	SW846 6010B
Thallium	1.5	1.0	mg/kg	SW846 6010B

(Continued on next page)

000008

EXECUTIVE SUMMARY - Detection Highlights

E1A030216

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>ANALYTICAL METHOD</u>
C_2_322_1 01/03/01 13:47 016				
Vanadium	53.2	5.0	mg/kg	SW846 6010B
Zinc	56.9	2.0	mg/kg	SW846 6010B
C_2_322_5 01/03/01 14:00 017				
Aluminum	13400	20.0	mg/kg	SW846 6010B
Arsenic	2.5	1.0	mg/kg	SW846 6010B
Antimony	0.43 B	6.0	mg/kg	SW846 6010B
Barium	144	2.0	mg/kg	SW846 6010B
Cadmium	0.31 B	0.50	mg/kg	SW846 6010B
Chromium	17.8	1.0	mg/kg	SW846 6010B
Beryllium	0.48 B	0.50	mg/kg	SW846 6010B
Lead	5.6	0.50	mg/kg	SW846 6010B
Cobalt	10.7	5.0	mg/kg	SW846 6010B
Copper	15.8	2.5	mg/kg	SW846 6010B
Molybdenum	1.2 B	4.0	mg/kg	SW846 6010B
Nickel	13.3	4.0	mg/kg	SW846 6010B
Thallium	1.2	1.0	mg/kg	SW846 6010B
Vanadium	36.7	5.0	mg/kg	SW846 6010B
Zinc	37.3	2.0	mg/kg	SW846 6010B
Trichloroethene	9.2	5.0	ug/kg	SW846 8260B
C_2_323_5 01/03/01 14:25 018				
Aluminum	11700	20.0	mg/kg	SW846 6010B
Arsenic	2.3	1.0	mg/kg	SW846 6010B
Antimony	0.36 B	6.0	mg/kg	SW846 6010B
Barium	97.8	2.0	mg/kg	SW846 6010B
Cadmium	0.25 B	0.50	mg/kg	SW846 6010B
Chromium	15.8	1.0	mg/kg	SW846 6010B
Beryllium	0.42 B	0.50	mg/kg	SW846 6010B
Lead	4.9	0.50	mg/kg	SW846 6010B
Cobalt	9.3	5.0	mg/kg	SW846 6010B
Copper	14.0	2.5	mg/kg	SW846 6010B
Molybdenum	1.0 B	4.0	mg/kg	SW846 6010B
Nickel	10.8	4.0	mg/kg	SW846 6010B
Thallium	0.87 B	1.0	mg/kg	SW846 6010B
Vanadium	32.8	5.0	mg/kg	SW846 6010B
Zinc	33.1	2.0	mg/kg	SW846 6010B

(Continued on next page)

000009

EXECUTIVE SUMMARY - Detection Highlights

E1A030216

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
C_2_323_10 01/03/01 14:35 019				
Aluminum	21700	20.0	mg/kg	SW846 6010B
Arsenic	5.4	1.0	mg/kg	SW846 6010B
Antimony	1.0 B	6.0	mg/kg	SW846 6010B
Barium	259	2.0	mg/kg	SW846 6010B
Cadmium	0.35 B	0.50	mg/kg	SW846 6010B
Chromium	27.2	1.0	mg/kg	SW846 6010B
Beryllium	0.64	0.50	mg/kg	SW846 6010B
Lead	4.8	0.50	mg/kg	SW846 6010B
Cobalt	11.9	5.0	mg/kg	SW846 6010B
Copper	27.6	2.5	mg/kg	SW846 6010B
Molybdenum	1.7 B	4.0	mg/kg	SW846 6010B
Nickel	23.5	4.0	mg/kg	SW846 6010B
Thallium	1.2	1.0	mg/kg	SW846 6010B
Vanadium	61.6	5.0	mg/kg	SW846 6010B
Zinc	60.9	2.0	mg/kg	SW846 6010B
C_2_324_1 01/03/01 14:50 020				
Mercury	0.057 B	0.10	mg/kg	SW846 7471A
Arsenic	2.7	1.0	mg/kg	SW846 6010B
Aluminum	12000	20.0	mg/kg	SW846 6010B
Antimony	0.24 B	6.0	mg/kg	SW846 6010B
Barium	86.1	2.0	mg/kg	SW846 6010B
Cadmium	0.34 B	0.50	mg/kg	SW846 6010B
Chromium	15.3	1.0	mg/kg	SW846 6010B
Beryllium	0.42 B	0.50	mg/kg	SW846 6010B
Lead	21.9	0.50	mg/kg	SW846 6010B
Cobalt	8.3	5.0	mg/kg	SW846 6010B
Copper	15.8	2.5	mg/kg	SW846 6010B
Molybdenum	0.97 B	4.0	mg/kg	SW846 6010B
Nickel	10.1	4.0	mg/kg	SW846 6010B
Thallium	0.73 B	1.0	mg/kg	SW846 6010B
Vanadium	31.6	5.0	mg/kg	SW846 6010B
Zinc	60.4	2.0	mg/kg	SW846 6010B
Chloroform	13	5.0	ug/kg	SW846 8260B
Tetrachloroethene	3.9 J	5.0	ug/kg	SW846 8260B
C_2_324_5 01/03/01 15:00 021				
Mercury	0.025 B	0.10	mg/kg	SW846 7471A
Aluminum	17000	20.0	mg/kg	SW846 6010B
Arsenic	3.4	1.0	mg/kg	SW846 6010B
Antimony	0.56 B	6.0	mg/kg	SW846 6010B

(Continued on next page)

000010

EXECUTIVE SUMMARY - Detection Highlights

E1A030216

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>ANALYTICAL METHOD</u>
C_2_324_5 01/03/01 15:00 021				
Barium	132	2.0	mg/kg	SW846 6010B
Cadmium	0.35 B	0.50	mg/kg	SW846 6010B
Chromium	19.4	1.0	mg/kg	SW846 6010B
Beryllium	0.49 B	0.50	mg/kg	SW846 6010B
Lead	3.3	0.50	mg/kg	SW846 6010B
Cobalt	9.1	5.0	mg/kg	SW846 6010B
Copper	19.4	2.5	mg/kg	SW846 6010B
Molybdenum	1.3 B	4.0	mg/kg	SW846 6010B
Nickel	14.5	4.0	mg/kg	SW846 6010B
Thallium	1.1	1.0	mg/kg	SW846 6010B
Vanadium	47.5	5.0	mg/kg	SW846 6010B
Zinc	60.1	2.0	mg/kg	SW846 6010B
TRIP BLANK 01/03/01 15:00 022				
Methyl tert-butyl ether	0.62 J	1.0	ug/L	SW846 8260B
RINSATE 01/03/01 15:00 023				
Acetone	3.5 J	10	ug/L	SW846 8260B

000011

METHODS SUMMARY

E1A030216

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>	<u>PREPARATION METHOD</u>
Extractable Petroleum Hydrocarbons	SW846 8015B	SANA AUTO-SHAKE
Inductively Coupled Plasma (ICP) Metals	SW846 6010B	SW846 3050B
Mercury in Solid Waste (Manual Cold-Vapor)	SW846 7471A	SW846 7471A
Volatile Organics by GC/MS	SW846 8260B	SW846 5030
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B/826
Volatile Petroleum Hydrocarbons	SW846 8015B	SW846 5030

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

000012

SAMPLE SUMMARY

E1A030216

<u>WO #</u>	<u>SAMPLE#</u>	<u>CLIENT SAMPLE ID</u>	<u>DATE</u>	<u>TIME</u>
DR7VC	001	R_7_5	01/03/01	08:40
DR7VE	002	R_7_10	01/03/01	08:45
DR7VF	003	R_7_15	01/03/01	09:00
DR7VG	004	R_7_20	01/03/01	09:12
DR7VH	005	R_7_24	01/03/01	09:35
DR7VJ	006	P_20_2_5	01/03/01	09:50
DR7VN	007	P_20_2_10	01/03/01	10:00
DR7VP	008	P_20_2_15	01/03/01	10:05
DR7VQ	009	C_2_318_5	01/03/01	10:35
DR7VR	010	C_2_318_10	01/03/01	10:40
DR7VT	011	C_2_318_15	01/03/01	10:45
DR7VV	012	C_2_319_5	01/03/01	11:00
DR7VW	013	C_2_319_10	01/03/01	11:10
DR7VX	014	C_2_319_15	01/03/01	11:15
DR7V0	015	C_2_321_5	01/03/01	13:20
DR7V1	016	C_2_322_1	01/03/01	13:47
DR7V2	017	C_2_322_5	01/03/01	14:00
DR7V3	018	C_2_323_5	01/03/01	14:25
DR7V4	019	C_2_323_10	01/03/01	14:35
DR7V6	020	C_2_324_1	01/03/01	14:50
DR7V7	021	C_2_324_5	01/03/01	15:00
DR7V8	022	TRIP BLANK	01/03/01	15:00
DR7V9	023	RINSATE	01/03/01	15:00

NOTE (S) :

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

000013

KENNEDY/JENKS CONSULTANTS

Client Sample ID: R_7_5

GC/MS Volatiles

Lot-Sample #....: E1A030216-001 Work Order #....: DR7VC1AA Matrix.....: SOLID
 Date Sampled....: 01/03/01 08:40 Date Received...: 01/03/01 16:05 MS Run #.....: 1008114
 Prep Date.....: 01/06/01 Analysis Date...: 01/06/01
 Prep Batch #....: 1008279 Analysis Time...: 05:52
 Dilution Factor: 1
 Analyst ID.....: 999998 Instrument ID...: MSG
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	11	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	6.3	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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000014

KENNEDY/JENKS CONSULTANTS

Client Sample ID: R_7_5

GC/MS Volatiles

Lot-Sample #....: E1A030216-001 Work Order #....: DR7VC1AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Tetrachloroethene	23	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS		
Bromofluorobenzene	109	(70 - 130)		
1,2-Dichloroethane-d4	97	(60 - 140)		
Toluene-d8	106	(70 - 130)		

000015

KENNEDY/JENKS CONSULTANTS

Client Sample ID: R_7_10

GC/MS Volatiles

Lot-Sample #....: E1A030216-002 Work Order #....: DR7VE1AA Matrix.....: SOLID
 Date Sampled....: 01/03/01 08:45 Date Received...: 01/03/01 16:05 MS Run #.....: 1008114
 Prep Date.....: 01/06/01 Analysis Date...: 01/06/01
 Prep Batch #....: 1008279 Analysis Time...: 06:25
 Dilution Factor: 1
 Analyst ID.....: 999998 Instrument ID...: MSG
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	6.2	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	3.6 J	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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000016

KENNEDY/JENKS CONSULTANTS

Client Sample ID: R_7_10

GC/MS Volatiles

Lot-Sample #...: E1A030216-002 Work Order #...: DR7VE1AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Tetrachloroethene	5.7	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1, 2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
SURROGATE		PERCENT RECOVERY	RECOVERY LIMITS	
Bromofluorobenzene	105		(70 - 130)	
1,2-Dichloroethane-d4	97		(60 - 140)	
Toluene-d8	106		(70 - 130)	

NOTE(S) :

J Estimated result. Result is less than RL.

000017

KENNEDY/JENKS CONSULTANTS

Client Sample ID: R_7_15

GC/MS Volatiles

Lot-Sample #....: E1A030216-003 Work Order #....: DR7VF1AA Matrix.....: SOLID
 Date Sampled....: 01/03/01 09:00 Date Received...: 01/03/01 16:05 MS Run #.....: 1008114
 Prep Date.....: 01/06/01 Analysis Date...: 01/06/01
 Prep Batch #....: 1008279 Analysis Time...: 06:57
 Dilution Factor: 1
 Analyst ID.....: 999998 Instrument ID...: MSG
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	24	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	30	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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000018

KENNEDY/JENKS CONSULTANTS

Client Sample ID: R_7_15

GC/MS Volatiles

Lot-Sample #....: E1A030216-003 Work Order #....: DR7VF1AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Tetrachloroethene	43	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1, 2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1, 1, 1, 2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1, 1, 2, 2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1, 2, 3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1, 3, 5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1, 2, 4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1, 3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1, 4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1, 2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1, 2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1, 2, 4-Trichloro-benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1, 2, 3-Trichlorobenzene	ND	5.0	ug/kg	2.0
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS		
		(70 - 130)		
Bromofluorobenzene	104			
1, 2-Dichloroethane-d4	102	(60 - 140)		
Toluene-d8	105	(70 - 130)		

000019

KENNEDY/JENKS CONSULTANTS

Client Sample ID: R_7_20

GC/MS Volatiles

Lot-Sample #....: E1A030216-004 Work Order #....: DR7VG1AA Matrix.....: SOLID
 Date Sampled....: 01/03/01 09:12 Date Received...: 01/03/01 16:05 MS Run #.....: 1008114
 Prep Date.....: 01/06/01 Analysis Date...: 01/06/01
 Prep Batch #....: 1008279 Analysis Time...: 07:30
 Dilution Factor: 1
 Analyst ID.....: 999998 Instrument ID...: MSG
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	5.2	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	5.0	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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000020

KENNEDY/JENKS CONSULTANTS

Client Sample ID: R_7_20

GC/MS Volatiles

Lot-Sample #....: E1A030216-004 Work Order #....: DR7VG1AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Tetrachloroethene	8.6	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS		
		(70 - 130)		
Bromofluorobenzene	103			
1,2-Dichloroethane-d4	97			
Toluene-d8	104			

000021

KENNEDY/JENKS CONSULTANTS

Client Sample ID: R_7_24

GC/MS Volatiles

Lot-Sample #....: E1A030216-005 Work Order #....: DR7VH1AA Matrix.....: SOLID
 Date Sampled....: 01/03/01 09:35 Date Received...: 01/03/01 16:05 MS Run #.....: 1008114
 Prep Date.....: 01/06/01 Analysis Date...: 01/06/01
 Prep Batch #....: 1008279 Analysis Time...: 08:02
 Dilution Factor: 1
 Analyst ID.....: 999998 Instrument ID...: MSG
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	3.8 J	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	6.9	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: R_7_24

GC/MS Volatiles

Lot-Sample #....: E1A030216-005 Work Order #....: DR7VH1AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	
Tetrachloroethene	5.6	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
SURROGATE	PERCENT RECOVERY	RECOVERY		
		LIMITS		
Bromofluorobenzene	105	(70 - 130)		
1,2-Dichloroethane-d4	104	(60 - 140)		
Toluene-d8	105	(70 - 130)		

NOTE (S) :

J Estimated result. Result is less than RL.

000023

KENNEDY/JENKS CONSULTANTS

Client Sample ID: P_20_2_5

GC/MS Volatiles

Lot-Sample #....: E1A030216-006 Work Order #....: DR7VJ1AA Matrix.....: SOLID
 Date Sampled....: 01/03/01 09:50 Date Received...: 01/03/01 16:05 MS Run #.....: 1008114
 Prep Date.....: 01/06/01 Analysis Date...: 01/06/01
 Prep Batch #....: 1008279 Analysis Time...: 08:35
 Dilution Factor: 1
 Analyst ID.....: 999998 Instrument ID...: MSG
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	3.1 J	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	4.3 J	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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000024

KENNEDY/JENKS CONSULTANTS

Client Sample ID: P_20_2_5

GC/MS Volatiles

Lot-Sample #....: E1A030216-006 Work Order #....: DR7VJ1AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS		
		(70 - 130)	(60 - 140)	(70 - 130)
Bromofluorobenzene	107			
1,2-Dichloroethane-d4	100			
Toluene-d8	106			

NOTE(S) :

J Estimated result. Result is less than RL.

000025

KENNEDY/JENKS CONSULTANTS

Client Sample ID: P_20_2_10

GC/MS Volatiles

Lot-Sample #....: E1A030216-007 Work Order #....: DR7VN1AA Matrix.....: SOLID
 Date Sampled....: 01/03/01 10:00 Date Received...: 01/03/01 16:05 MS Run #.....: 1008114
 Prep Date.....: 01/06/01 Analysis Date...: 01/06/01
 Prep Batch #....: 1008279 Analysis Time...: 09:07
 Dilution Factor: 1
 Analyst ID.....: 999998 Instrument ID...: MSG
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromoform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: P_20_2_10

GC/MS Volatiles

Lot-Sample #...: E1A030216-007 Work Order #...: DR7VN1AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS		
		(70 - 130)	(60 - 140)	(70 - 130)
Bromofluorobenzene	105			
1,2-Dichloroethane-d4	105			
Toluene-d8	104			

000027

KENNEDY/JENKS CONSULTANTS

Client Sample ID: P_20_2_15

GC/MS Volatiles

Lot-Sample #....: E1A030216-008 Work Order #....: DR7VP1AA Matrix.....: SOLID
 Date Sampled....: 01/03/01 10:05 Date Received...: 01/03/01 16:05 MS Run #.....: 1008181
 Prep Date.....: 01/07/01 Analysis Date...: 01/07/01
 Prep Batch #....: 1008374 Analysis Time...: 13:24
 Dilution Factor: 1
 Analyst ID.....: 999998 Instrument ID...: MSG
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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000028

KENNEDY/JENKS CONSULTANTS

Client Sample ID: P_20_2_15

GC/MS Volatiles

Lot-Sample #....: E1A030216-008 Work Order #....: DR7VP1AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloropropane	ND	10	ug/kg	3.0
1,2,4-Trichlorobenzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
SURROGATE	PERCENT RECOVERY	RECOVERY		
		LIMITS	(70 - 130)	
Bromofluorobenzene	117			
1,2-Dichloroethane-d4	89			
Toluene-d8	105			

000029

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_318_5

GC Semivolatiles

Lot-Sample #....: E1A030216-009 Work Order #....: DR7VQ1AC Matrix.....: SOLID
 Date Sampled....: 01/03/01 10:35 Date Received...: 01/03/01 16:05 MS Run #.....: 1004208
 Prep Date.....: 01/04/01 Analysis Date...: 01/09/01
 Prep Batch #....: 1004472 Analysis Time...: 19:06
 Dilution Factor: 1
 Analyst ID.....: 356074 Instrument ID...: G03
 Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0
SURROGATE		PERCENT RECOVERY	RECOVERY LIMITS	
Benzo (a) pyrene	84		(60 - 130)	

000030

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_318_5

GC Volatiles

Lot-Sample #....: E1A030216-009 Work Order #....: DR7VQ1AD Matrix.....: SOLID
Date Sampled....: 01/03/01 10:35 Date Received...: 01/03/01 16:05 MS Run #.....: 1005143
Prep Date.....: 01/04/01 Analysis Date...: 01/04/01
Prep Batch #....: 1005336 Analysis Time...: 16:14
Dilution Factor: 1
Analyst ID.....: 001464 Instrument ID...: G16
Method.....: SW846 8015B

PARAMETER	REPORTING			
	RESULT	LIMIT	UNITS	MDL
C6-C8	ND	1.0	mg/kg	0.10
PERCENT				RECOVERY
RECOVERY				LIMITS
SURROGATE a,a,a-Trifluorotoluene (TFT)	84	(60 - 130)		

000031

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_318_5

GC/MS Volatiles

Lot-Sample #....: E1A030216-009 Work Order #....: DR7VQ1AA Matrix.....: SOLID
 Date Sampled....: 01/03/01 10:35 Date Received...: 01/03/01 16:05 MS Run #.....: 1008181
 Prep Date.....: 01/07/01 Analysis Date...: 01/07/01
 Prep Batch #....: 1008374 Analysis Time...: 13:57
 Dilution Factor: 1
 Analyst ID.....: 999998 Instrument ID...: MSG
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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000032

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_318_5

GC/MS Volatiles

Lot-Sample #....: E1A030216-009 Work Order #....: DR7VQ1AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1, 2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS		
Bromofluorobenzene	111	(70 - 130)		
1,2-Dichloroethane-d4	95	(60 - 140)		
Toluene-d8	104	(70 - 130)		

000033

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_318_10

GC Semivolatiles

Lot-Sample #....: E1A030216-010 Work Order #....: DR7VR1AC Matrix.....: SOLID
 Date Sampled....: 01/03/01 10:40 Date Received...: 01/03/01 16:05 MS Run #.....: 1004208
 Prep Date.....: 01/04/01 Analysis Date...: 01/09/01
 Prep Batch #....: 1004472 Analysis Time...: 21:42
 Dilution Factor: 1
 Analyst ID.....: 356074 Instrument ID...: G03
 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	19	10	mg/kg	5.0
C18-C19	18	10	mg/kg	5.0
C20-C23	9.4 J	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	54	10	mg/kg	5.0
<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>		
Benzo (a) pyrene	96	(60 - 130)		

NOTE(S) :

J Estimated result. Result is less than RL.

000034

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_318_10

GC Volatiles

Lot-Sample #....: E1A030216-010 Work Order #....: DR7VR1AD Matrix.....: SOLID
Date Sampled....: 01/03/01 10:40 Date Received...: 01/03/01 16:05 MS Run #.....: 1005143
Prep Date.....: 01/04/01 Analysis Date...: 01/04/01
Prep Batch #....: 1005336 Analysis Time...: 16:42
Dilution Factor: 1
Analyst ID.....: 001464 Instrument ID...: G16
Method.....: SW846 8015B

PARAMETER	REPORTING			
	RESULT	LIMIT	UNITS	MDL
C6-C8	ND	1.0	mg/kg	0.10
PERCENT				RECOVERY
RECOVERY				LIMITS
SURROGATE a,a,a-Trifluorotoluene (TFT)	82	(60 - 130)		

000035

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_318_10

GC/MS Volatiles

Lot-Sample #....: E1A030216-010 Work Order #....: DR7VR1AA Matrix.....: SOLID
 Date Sampled....: 01/03/01 10:40 Date Received...: 01/03/01 16:05 MS Run #.....: 1008181
 Prep Date.....: 01/07/01 Analysis Date...: 01/07/01
 Prep Batch #....: 1008374 Analysis Time...: 14:29
 Dilution Factor: 1
 Analyst ID.....: 999998 Instrument ID...: MSG
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	2.0 J	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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000036

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_318_10

GC/MS Volatiles

Lot-Sample #...: E1A030216-010 Work Order #...: DR7VR1AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS		
Bromofluorobenzene	118	(70 - 130)		
1,2-Dichloroethane-d4	94	(60 - 140)		
Toluene-d8	105	(70 - 130)		

NOTE (S) :

J Estimated result. Result is less than RL.

000037

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_318_15

GC Semivolatiles

Lot-Sample #....: E1A030216-011 Work Order #....: DR7VT1AC Matrix.....: SOLID
 Date Sampled....: 01/03/01 10:45 Date Received...: 01/03/01 16:05 MS Run #.....: 1004208
 Prep Date.....: 01/04/01 Analysis Date...: 01/09/01
 Prep Batch #....: 1004472 Analysis Time...: 22:21
 Dilution Factor: 1
 Analyst ID.....: 356074 Instrument ID...: G03
 Method.....: SW846 8015B

<u>PARAMETER</u>	<u>REPORTING</u>			
	<u>RESULT</u>	<u>LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0
<u>SURROGATE</u>	<u>PERCENT</u>			
	<u>RECOVERY</u>	<u>RECOVERY</u>		
Benzo (a) pyrene	84	LIMITS (60 - 130)		

000038

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_318_15

GC Volatiles

Lot-Sample #....: E1A030216-011 Work Order #....: DR7VT1AD Matrix.....: SOLID
Date Sampled....: 01/03/01 10:45 Date Received...: 01/03/01 16:05 MS Run #.....: 1005143
Prep Date.....: 01/04/01 Analysis Date...: 01/04/01
Prep Batch #....: 1005336 Analysis Time...: 19:04
Dilution Factor: 1
Analyst ID.....: 001464 Instrument ID...: G16
Method.....: SW846 8015B

PARAMETER	REPORTING			
	RESULT	LIMIT	UNITS	MDL
C6-C8	ND	1.0	mg/kg	0.10
SURROGATE	PERCENT	RECOVERY		
	RECOVERY	LIMITS		
a,a,a-Trifluorotoluene (TFT)	84	(60 - 130)		

000039

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_318_15

GC/MS Volatiles

Lot-Sample #....: E1A030216-011 Work Order #....: DR7VT1AA Matrix.....: SOLID
 Date Sampled....: 01/03/01 10:45 Date Received...: 01/03/01 16:05 MS Run #.....: 1008181
 Prep Date.....: 01/07/01 Analysis Date...: 01/07/01
 Prep Batch #....: 1008374 Analysis Time...: 15:02
 Dilution Factor: 1
 Analyst ID.....: 999998 Instrument ID...: MSG
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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000040

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_318_15

GC/MS Volatiles

Lot-Sample #....: E1A030216-011 Work Order #....: DR7VT1AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING	
		LIMIT	UNITS
Tetrachloroethene	ND	5.0	ug/kg
2-Hexanone	ND	25	ug/kg
Dibromochloromethane	ND	5.0	ug/kg
1, 2-Dibromoethane	ND	5.0	ug/kg
Chlorobenzene	ND	5.0	ug/kg
Ethylbenzene	ND	5.0	ug/kg
Xylenes (total)	ND	5.0	ug/kg
Styrene	ND	10	ug/kg
Bromoform	ND	5.0	ug/kg
Isopropylbenzene	ND	5.0	ug/kg
p-Isopropyltoluene	ND	5.0	ug/kg
Bromobenzene	ND	5.0	ug/kg
1, 1, 1, 2-Tetrachloroethane	ND	5.0	ug/kg
1, 1, 2, 2-Tetrachloroethane	ND	5.0	ug/kg
1, 2, 3-Trichloropropane	ND	5.0	ug/kg
n-Propylbenzene	ND	5.0	ug/kg
2-Chlorotoluene	ND	5.0	ug/kg
4-Chlorotoluene	ND	5.0	ug/kg
1, 3, 5-Trimethylbenzene	ND	5.0	ug/kg
tert-Butylbenzene	ND	5.0	ug/kg
1, 2, 4-Trimethylbenzene	ND	5.0	ug/kg
sec-Butylbenzene	ND	5.0	ug/kg
1, 3-Dichlorobenzene	ND	5.0	ug/kg
1, 4-Dichlorobenzene	ND	5.0	ug/kg
1, 2-Dichlorobenzene	ND	5.0	ug/kg
n-Butylbenzene	ND	5.0	ug/kg
1, 2-Dibromo-3-chloro-propane	ND	10	ug/kg
1, 2, 4-Trichloro-benzene	ND	5.0	ug/kg
Hexachlorobutadiene	ND	5.0	ug/kg
1, 2, 3-Trichlorobenzene	ND	5.0	ug/kg
SURROGATE		PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	107	(70 - 130)	
1, 2-Dichloroethane-d4	99	(60 - 140)	
Toluene-d8	103	(70 - 130)	

000041

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_319_5

GC Semivolatiles

Lot-Sample #....: E1A030216-012 Work Order #....: DR7VV1AC Matrix.....: SOLID
 Date Sampled....: 01/03/01 11:00 Date Received...: 01/03/01 16:05 MS Run #.....: 1004208
 Prep Date.....: 01/04/01 Analysis Date...: 01/09/01
 Prep Batch #....: 1004472 Analysis Time...: 23:01
 Dilution Factor: 1
 Analyst ID.....: 356074 Instrument ID...: G03
 Method.....: SW846 8015B

PARAMETER	REPORTING			
	RESULT	LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0
SURROGATE	PERCENT		RECOVERY	
	RECOVERY		LIMITS (60 - 130)	
Benzo(a)pyrene	72			

000042

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_319_5

GC Volatiles

Lot-Sample #....: E1A030216-012 Work Order #....: DR7VV1AD Matrix.....: SOLID
Date Sampled....: 01/03/01 11:00 Date Received...: 01/03/01 16:05 MS Run #.....: 1005143
Prep Date.....: 01/04/01 Analysis Date...: 01/04/01
Prep Batch #....: 1005336 Analysis Time...: 19:33
Dilution Factor: 1
Analyst ID.....: 001464 Instrument ID...: G16
Method.....: SW846 8015B

PARAMETER	REPORTING			
	RESULT	LIMIT	UNITS	MDL
C6-C8	ND	1.0	mg/kg	0.10
PERCENT				RECOVERY
SURROGATE	RECOVERY	LIMITS		(60 - 130)
a,a,a-Trifluorotoluene (TFT)	82			

000043

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_319_5

GC/MS Volatiles

Lot-Sample #....: E1A030216-012 Work Order #....: DR7VV1AA Matrix.....: SOLID
 Date Sampled....: 01/03/01 11:00 Date Received...: 01/03/01 16:05 MS Run #.....: 1008181
 Prep Date.....: 01/07/01 Analysis Date...: 01/07/01
 Prep Batch #....: 1008374 Analysis Time...: 15:35
 Dilution Factor: 1
 Analyst ID.....: 999998 Instrument ID...: MSG
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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000044

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_319_5

GC/MS Volatiles

Lot-Sample #....: E1A030216-012 Work Order #....: DR7VV1AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1, 2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS		
Bromofluorobenzene	107	(70 - 130)		
1,2-Dichloroethane-d4	102	(60 - 140)		
Toluene-d8	102	(70 - 130)		

000045

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_319_10

GC Semivolatiles

Lot-Sample #....: E1A030216-013 Work Order #....: DR7VW1AC Matrix.....: SOLID
 Date Sampled....: 01/03/01 11:10 Date Received...: 01/03/01 16:05 MS Run #.....: 1004208
 Prep Date.....: 01/04/01 Analysis Date...: 01/09/01
 Prep Batch #....: 1004472 Analysis Time...: 23:40
 Dilution Factor: 1
 Analyst ID.....: 356074 Instrument ID...: G03
 Method.....: SW846 8015B

PARAMETER	REPORTING			
	RESULT	LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0
SURROGATE	PERCENT		RECOVERY	
	RECOVERY		LIMITS	
Benzo (a)pyrene	105		(60 - 130)	

000046

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_319_10

GC Volatiles

Lot-Sample #....: E1A030216-013 Work Order #....: DR7VW1AD Matrix.....: SOLID
Date Sampled....: 01/03/01 11:10 Date Received...: 01/03/01 16:05 MS Run #.....: 1005143
Prep Date.....: 01/04/01 Analysis Date...: 01/04/01
Prep Batch #....: 1005336 Analysis Time...: 20:01
Dilution Factor: 1
Analyst ID.....: 001464 Instrument ID...: G16
Method.....: SW846 8015B

PARAMETER	REPORTING			
	RESULT	LIMIT	UNITS	MDL
C6-C8	ND	1.0	mg/kg	0.10
PERCENT				RECOVERY
RECOVERY				LIMITS
SURROGATE a,a,a-Trifluorotoluene (TFT)	80	(60 - 130)		

000047

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_319_10

GC/MS Volatiles

Lot-Sample #....: E1A030216-013 Work Order #....: DR7VW1AA Matrix.....: SOLID
 Date Sampled....: 01/03/01 11:10 Date Received...: 01/03/01 16:05 MS Run #.....: 1008181
 Prep Date.....: 01/07/01 Analysis Date...: 01/07/01
 Prep Batch #....: 1008374 Analysis Time...: 16:07
 Dilution Factor: 1
 Analyst ID.....: 999998 Instrument ID...: MSG
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	4.2 J	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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000048

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_319_10

GC/MS Volatiles

Lot-Sample #....: E1A030216-013 Work Order #....: DR7VW1AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1, 2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1, 1, 1, 2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1, 1, 2, 2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1, 2, 3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1, 3, 5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1, 2, 4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1, 3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1, 4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1, 2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1, 2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1, 2, 4-Trichloro-benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1, 2, 3-Trichlorobenzene	ND	5.0	ug/kg	2.0
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS		
Bromofluorobenzene	117	(70 - 130)		
1, 2-Dichloroethane-d4	98	(60 - 140)		
Toluene-d8	104	(70 - 130)		

NOTE (S) :

J Estimated result. Result is less than RL.

000049

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_319_15

GC Semivolatiles

Lot-Sample #....: E1A030216-014 Work Order #....: DR7VX1AC Matrix.....: SOLID
 Date Sampled....: 01/03/01 11:15 Date Received...: 01/03/01 16:05 MS Run #.....: 1004208
 Prep Date.....: 01/04/01 Analysis Date...: 01/10/01
 Prep Batch #....: 1004472 Analysis Time...: 00:19
 Dilution Factor: 1
 Analyst ID.....: 356074 Instrument ID..: G03
 Method.....: SW846 8015B

PARAMETER	REPORTING			
	RESULT	LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0
SURROGATE	PERCENT		RECOVERY	
	RECOVERY		LIMITS	
Benzo(a)pyrene	89		(60 - 130)	

000050

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_319_15

GC Volatiles

Lot-Sample #....: E1A030216-014 Work Order #....: DR7VX1AD Matrix.....: SOLID
Date Sampled....: 01/03/01 11:15 Date Received...: 01/03/01 16:05 MS Run #.....: 1005143
Prep Date.....: 01/04/01 Analysis Date...: 01/04/01
Prep Batch #....: 1005336 Analysis Time...: 20:30
Dilution Factor: 1
Analyst ID.....: 001464 Instrument ID...: G16
Method.....: SW846 8015B

PARAMETER	REPORTING			
	RESULT	LIMIT	UNITS	MDL
C6-C8	ND	1.0	mg/kg	0.10
PERCENT				RECOVERY
RECOVERY				LIMITS
SURROGATE a,a,a-Trifluorotoluene (TFT)	80	(60 - 130)		

000051

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_319_15

GC/MS Volatiles

Lot-Sample #....: E1A030216-014 Work Order #....: DR7VX1AA Matrix.....: SOLID
 Date Sampled....: 01/03/01 11:15 Date Received...: 01/03/01 16:05 MS Run #....: 1008181
 Prep Date.....: 01/07/01 Analysis Date...: 01/07/01
 Prep Batch #....: 1008374 Analysis Time...: 17:45
 Dilution Factor: 1
 Analyst ID.....: 999998 Instrument ID...: MSG
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	2.7 J	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

(Continued on next page)

000052

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_319_15

GC/MS Volatiles

Lot-Sample #....: E1A030216-014 Work Order #....: DR7VX1AA Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		MDL
		LIMIT	UNITS	
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1, 2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1, 1, 1, 2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1, 1, 2, 2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1, 2, 3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1, 3, 5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1, 2, 4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1, 3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1, 4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1, 2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1, 2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1, 2, 4-Trichloro-benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1, 2, 3-Trichlorobenzene	ND	5.0	ug/kg	2.0
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS		
		(70 - 130)	(60 - 140)	(70 - 130)
Bromofluorobenzene	117			
1, 2-Dichloroethane-d4	113			
Toluene-d8	105			

NOTE (S) :

J Estimated result. Result is less than RL.

000053

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_321_5

GC Semivolatiles

Lot-Sample #....: E1A030216-015 Work Order #....: DR7V01AD Matrix.....: SOLID
 Date Sampled....: 01/03/01 13:20 Date Received...: 01/03/01 16:05 MS Run #.....: 1004208
 Prep Date.....: 01/04/01 Analysis Date...: 01/10/01
 Prep Batch #....: 1004472 Analysis Time...: 02:55
 Dilution Factor: 1
 Analyst ID.....: 356074 Instrument ID...: G03
 Method.....: SW846 8015B

PARAMETER	REPORTING			
	RESULT	LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	5.1 J	10	mg/kg	5.0
C18-C19	5.9 J	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	18	10	mg/kg	5.0

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Benzo(a)pyrene	101	(60 - 130)

NOTE(S) :

J Estimated result. Result is less than RL.

000054

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_321_5

GC Volatiles

Lot-Sample #....: E1A030216-015 Work Order #....: DR7V01AE Matrix.....: SOLID
Date Sampled....: 01/03/01 13:20 Date Received...: 01/03/01 16:05 MS Run #.....: 1005143
Prep Date.....: 01/04/01 Analysis Date...: 01/04/01
Prep Batch #....: 1005336 Analysis Time...: 20:58
Dilution Factor: 1
Analyst ID.....: 001464 Instrument ID...: G16
Method.....: SW846 8015B

PARAMETER	REPORTING			
	RESULT	LIMIT	UNITS	MDL
C6-C8	ND	1.0	mg/kg	0.10
PERCENT				RECOVERY
RECOVERY				LIMITS
SURROGATE	83			
a,a,a-Trifluorotoluene (TFT)	(60 - 130)			

000055

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_321_5

GC/MS Volatiles

Lot-Sample #....: E1A030216-015 Work Order #....: DR7V01AC Matrix.....: SOLID
 Date Sampled....: 01/03/01 13:20 Date Received...: 01/03/01 16:05 MS Run #.....: 1009071
 Prep Date.....: 01/08/01 Analysis Date...: 01/08/01
 Prep Batch #....: 1009200 Analysis Time...: 10:56
 Dilution Factor: 1
 Analyst ID.....: 999998 Instrument ID...: MSG
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

(Continued on next page)

000056

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_321_5

GC/MS Volatiles

Lot-Sample #....: E1A030216-015 Work Order #....: DR7V01AC Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1, 2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS		
		(70 - 130)		
Bromofluorobenzene	112			
1,2-Dichloroethane-d4	109			
Toluene-d8	112			
		(60 - 140)		
		(70 - 130)		

000057

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_322_1

GC Semivolatiles

Lot-Sample #....: E1A030216-016 Work Order #....: DR7V11AE Matrix.....: SOLID
 Date Sampled....: 01/03/01 13:47 Date Received...: 01/03/01 16:05 MS Run #.....: 1004208
 Prep Date.....: 01/04/01 Analysis Date...: 01/10/01
 Prep Batch #....: 1004472 Analysis Time...: 03:34
 Dilution Factor: 1
 Analyst ID.....: 356074 Instrument ID...: G03
 Method.....: SW846 8015B

PARAMETER	REPORTING			
	RESULT	LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0
SURROGATE	PERCENT		RECOVERY	
	RECOVERY		LIMITS	
Benzo(a)pyrene	96		(60 - 130)	

000058

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_322_1

GC Volatiles

Lot-Sample #....: E1A030216-016 Work Order #....: DR7V11AF Matrix.....: SOLID
 Date Sampled....: 01/03/01 13:47 Date Received...: 01/03/01 16:05 MS Run #.....: 1005145
 Prep Date.....: 01/05/01 Analysis Date...: 01/05/01
 Prep Batch #....: 1005337 Analysis Time...: 01:14
 Dilution Factor: 1
 Analyst ID.....: 001464 Instrument ID...: G16
 Method.....: SW846 8015B

PARAMETER	REPORTING			
	RESULT	LIMIT	UNITS	MDL
C6-C8	ND	1.0	mg/kg	0.10
PERCENT				RECOVERY
RECOVERY				LIMITS
83				(60 - 130)

000059

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_322_1

GC/MS Volatiles

Lot-Sample #....: E1A030216-016 Work Order #....: DR7V11AD Matrix.....: SOLID
 Date Sampled....: 01/03/01 13:47 Date Received...: 01/03/01 16:05 MS Run #....: 1008181
 Prep Date.....: 01/07/01 Analysis Date...: 01/07/01
 Prep Batch #....: 1008374 Analysis Time...: 18:50
 Dilution Factor: 1
 Analyst ID.....: 999998

Instrument ID...: MSG
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	5.0	ug/kg	3.0
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_322_1

GC/MS Volatiles

Lot-Sample #....: E1A030216-016 Work Order #....: DR7V11AD Matrix.....: SOLID

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
SURROGATE		PERCENT	RECOVERY	
		RECOVERY	LIMITS	
Bromofluorobenzene	106		(70 - 130)	
1,2-Dichloroethane-d4	113		(60 - 140)	
Toluene-d8	102		(70 - 130)	

000061

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_322_5

GC Semivolatiles

Lot-Sample #....: E1A030216-017 Work Order #....: DR7V21AF Matrix.....: SOLID
 Date Sampled....: 01/03/01 14:00 Date Received...: 01/03/01 16:05 MS Run #.....: 1004208
 Prep Date.....: 01/04/01
 Prep Batch #....: 1004472
 Dilution Factor: 1
 Analyst ID.....: 356074

Instrument ID...: G03
 Method.....: SW846 8015B

PARAMETER	REPORTING			
	RESULT	LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0

SURROGATE	PERCENT RECOVERY		RECOVERY LIMITS
	RECOVERY	(60 - 130)	
Benzo (a) pyrene	96		

000062

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_322_5

GC Volatiles

Lot-Sample #....: E1A030216-017 Work Order #....: DR7V21AG Matrix.....: SOLID
Date Sampled....: 01/03/01 14:00 Date Received...: 01/03/01 16:05 MS Run #....: 1005143
Prep Date.....: 01/04/01 Analysis Date...: 01/04/01
Prep Batch #....: 1005336 Analysis Time...: 21:55
Dilution Factor: 1
Analyst ID.....: 001464 Instrument ID...: G16
Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
C6-C8	ND	1.0	mg/kg	0.10
SURROGATE	PERCENT	RECOVERY		
a,a,a-Trifluorotoluene (TFT)	RECOVERY	LIMITS		
	85	(60 - 130)		

000063

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_322_5

GC/MS Volatiles

Lot-Sample #....: E1A030216-017 Work Order #....: DR7V21AE Matrix.....: SOLID
 Date Sampled....: 01/03/01 14:00 Date Received...: 01/03/01 16:05 MS Run #.....: 1008181
 Prep Date.....: 01/07/01
 Prep Batch #....: 1008374
 Dilution Factor: 1
 Analyst ID.....: 999998

Instrument ID...: MSG
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Todomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	9.2	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_322_5

GC/MS Volatiles

Lot-Sample #....: E1A030216-017 Work Order #....: DR7V21AE Matrix.....: SOLID

PARAMETER	RESULT	REPORTING	
		LIMIT	UNITS
Tetrachloroethene	ND	5.0	ug/kg
2-Hexanone	ND	25	ug/kg
Dibromochloromethane	ND	5.0	ug/kg
1,2-Dibromoethane	ND	5.0	ug/kg
Chlorobenzene	ND	5.0	ug/kg
Ethylbenzene	ND	5.0	ug/kg
Xylenes (total)	ND	5.0	ug/kg
Styrene	ND	10	ug/kg
Bromoform	ND	5.0	ug/kg
Isopropylbenzene	ND	5.0	ug/kg
p-Isopropyltoluene	ND	5.0	ug/kg
Bromobenzene	ND	5.0	ug/kg
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg
1,2,3-Trichloropropane	ND	5.0	ug/kg
n-Propylbenzene	ND	5.0	ug/kg
2-Chlorotoluene	ND	5.0	ug/kg
4-Chlorotoluene	ND	5.0	ug/kg
1,3,5-Trimethylbenzene	ND	5.0	ug/kg
tert-Butylbenzene	ND	5.0	ug/kg
1,2,4-Trimethylbenzene	ND	5.0	ug/kg
sec-Butylbenzene	ND	5.0	ug/kg
1,3-Dichlorobenzene	ND	5.0	ug/kg
1,4-Dichlorobenzene	ND	5.0	ug/kg
1,2-Dichlorobenzene	ND	5.0	ug/kg
n-Butylbenzene	ND	5.0	ug/kg
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg
1,2,4-Trichloro-benzene	ND	5.0	ug/kg
Hexachlorobutadiene	ND	5.0	ug/kg
1,2,3-Trichlorobenzene	ND	5.0	ug/kg
SURROGATE		PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	114	(70 - 130)	
1,2-Dichloroethane-d4	113	(60 - 140)	
Toluene-d8	105	(70 - 130)	

000065

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_323_5

GC Semivolatiles

Lot-Sample #....: E1A030216-018 Work Order #....: DR7V31AF Matrix.....: SOLID
 Date Sampled....: 01/03/01 14:25 Date Received...: 01/03/01 16:05 MS Run #.....: 1004208
 Prep Date.....: 01/04/01 Analysis Date...: 01/10/01
 Prep Batch #....: 1004472 Analysis Time...: 04:52
 Dilution Factor: 1
 Analyst ID.....: 356074 Instrument ID...: G03
 Method.....: SW846 8015B

PARAMETER	REPORTING			
	RESULT	LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0
SURROGATE	PERCENT		RECOVERY	
	RECOVERY		LIMITS	
Benzo(a)pyrene	105		(60 - 130)	

000066

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_323_5

GC Volatiles

Lot-Sample #....: E1A030216-018 Work Order #....: DR7V31AG Matrix.....: SOLID
Date Sampled....: 01/03/01 14:25 Date Received...: 01/03/01 16:05 MS Run #.....: 1005143
Prep Date.....: 01/04/01 Analysis Date...: 01/04/01
Prep Batch #....: 1005336 Analysis Time...: 22:24
Dilution Factor: 1
Analyst ID.....: 001464 Instrument ID...: G16
Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
C6-C8	ND	1.0	mg/kg	0.10
SURROGATE		PERCENT RECOVERY		
a,a,a-Trifluorotoluene (TFT)		RECOVERY	LIMITS	
		84	(60 - 130)	

000067

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_323_5

GC/MS Volatiles

Lot-Sample #....: E1A030216-018 Work Order #....: DR7V31AE Matrix.....: SOLID
 Date Sampled....: 01/03/01 14:25 Date Received...: 01/03/01 16:05 MS Run #.....: 1008181
 Prep Date.....: 01/07/01 Analysis Date...: 01/07/01
 Prep Batch #....: 1008374 Analysis Time...: 19:56
 Dilution Factor: 1
 Analyst ID.....: 999998 Instrument ID...: MSG
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromoform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_323_5

GC/MS Volatiles

Lot-Sample #....: E1A030216-018 Work Order #....: DR7V31AE Matrix.....: SOLID

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
<u>SURROGATE</u>		<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	
Bromofluorobenzene	116	(70 - 130)		
1,2-Dichloroethane-d4	114	(60 - 140)		
Toluene-d8	104	(70 - 130)		

000069

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_323_10

GC Semivolatiles

Lot-Sample #....: E1A030216-019 Work Order #....: DR7V41AG Matrix.....: SOLID
 Date Sampled....: 01/03/01 14:35 Date Received...: 01/03/01 16:05 MS Run #.....: 1004208
 Prep Date.....: 01/04/01 Analysis Date...: 01/10/01
 Prep Batch #....: 1004472 Analysis Time...: 05:31
 Dilution Factor: 1
 Analyst ID.....: 356074 Instrument ID...: G03
 Method.....: SW846 8015B

PARAMETER	REPORTING			
	RESULT	LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0
SURROGATE	PERCENT		RECOVERY	
	RECOVERY		LIMITS	
Benzo (a) pyrene	94		(60 - 130)	

000070

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_323_10

GC Volatiles

Lot-Sample #....: E1A030216-019 Work Order #....: DR7V41AH Matrix.....: SOLID
Date Sampled....: 01/03/01 14:35 Date Received...: 01/03/01 16:05 MS Run #.....: 1005143
Prep Date.....: 01/04/01 Analysis Date...: 01/04/01
Prep Batch #....: 1005336 Analysis Time...: 22:52
Dilution Factor: 1
Analyst ID.....: 001464 Instrument ID...: G16
Method.....: SW846 8015B

PARAMETER	REPORTING			
	RESULT	LIMIT	UNITS	MDL
C6-C8	ND	1.0	mg/kg	0.10
<hr/>				
SURROGATE	PERCENT	RECOVERY	LIMITS	
a,a,a-Trifluorotoluene (TFT)	RECOVERY	(60 - 130)		
	83			

000071

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_323_10

GC/MS Volatiles

Lot-Sample #....: E1A030216-019 Work Order #....: DR7V41AF Matrix.....: SOLID
 Date Sampled....: 01/03/01 14:35 Date Received...: 01/03/01 16:05 MS Run #.....: 1008181
 Prep Date.....: 01/07/01 Analysis Date...: 01/07/01
 Prep Batch #....: 1008374 Analysis Time...: 20:28
 Dilution Factor: 1
 Analyst ID.....: 999998 Instrument ID...: MSG
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_323_10

GC/MS Volatiles

Lot-Sample #....: E1A030216-019 Work Order #....: DR7V41AF Matrix.....: SOLID

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
- Dibromochloromethane	ND	5.0	ug/kg	5.0
- 1, 2-Dibromoethane	ND	5.0	ug/kg	3.0
- Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
- 2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
- tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
/ sec-Butylbenzene	ND	5.0	ug/kg	2.0
- 1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
- 1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
- 1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
- 1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>		
Bromofluorobenzene	111	(70 - 130)		
1,2-Dichloroethane-d4	117	(60 - 140)		
Toluene-d8	105	(70 - 130)		

000073

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_324_1

GC Semivolatiles

Lot-Sample #....: E1A030216-020 Work Order #....: DR7V61AG Matrix.....: SOLID
 Date Sampled....: 01/03/01 14:50 Date Received...: 01/03/01 16:05 MS Run #.....: 1004208
 Prep Date.....: 01/04/01 Analysis Date...: 01/10/01
 Prep Batch #....: 1004472 Analysis Time...: 06:10
 Dilution Factor: 1
 Analyst ID.....: 356074 Instrument ID...: G03
 Method.....: SW846 8015B

PARAMETER	REPORTING			
	RESULT	LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0
SURROGATE	PERCENT		RECOVERY	
	RECOVERY		LIMITS	
Benzo(a)pyrene	75		(60 - 130)	

000074

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_324_1

GC Volatiles

Lot-Sample #....: E1A030216-020 Work Order #....: DR7V61AH Matrix.....: SOLID
Date Sampled....: 01/03/01 14:50 Date Received...: 01/03/01 16:05 MS Run #.....: 1005143
Prep Date.....: 01/04/01 Analysis Date...: 01/04/01
Prep Batch #....: 1005336 Analysis Time...: 23:20
Dilution Factor: 1
Analyst ID.....: 001464 Instrument ID...: G16
Method.....: SW846 8015B

PARAMETER	REPORTING			
	RESULT	LIMIT	UNITS	MDL
C6-C8	ND	1.0	mg/kg	0.10
PERCENT				RECOVERY
RECOVERY				LIMITS
SURROGATE	84			
a,a,a-Trifluorotoluene (TFT)	(60 - 130)			

000075

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_324_1

GC/MS Volatiles

Lot-Sample #....: E1A030216-020 Work Order #....: DR7V61AF Matrix.....: SOLID
 Date Sampled....: 01/03/01 14:50 Date Received...: 01/03/01 16:05 MS Run #.....: 1008181
 Prep Date.....: 01/07/01 Analysis Date...: 01/07/01
 Prep Batch #....: 1008374 Analysis Time...: 21:01
 Dilution Factor: 1
 Analyst ID.....: 999998 Instrument ID...: MSG
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	13	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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000076

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_324_1

GC/MS Volatiles

Lot-Sample #....: E1A030216-020 Work Order #....: DR7V61AF Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Tetrachloroethene	3.9 J	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1,2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS		
Bromofluorobenzene	115	(70 - 130)		
1,2-Dichloroethane-d4	117	(60 - 140)		
Toluene-d8	109	(70 - 130)		

NOTE(S) :

J Estimated result. Result is less than RL.

000077

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_324_5

GC Semivolatiles

Lot-Sample #....: E1A030216-021 Work Order #....: DR7V71AG Matrix.....: SOLID
 Date Sampled....: 01/03/01 15:00 Date Received...: 01/03/01 16:05 MS Run #.....: 1004208
 Prep Date.....: 01/04/01 Analysis Date...: 01/10/01
 Prep Batch #....: 1004472 Analysis Time...: 06:49
 Dilution Factor: 1
 Analyst ID.....: 356074 Instrument ID...: G03
 Method.....: SW846 8015B

PARAMETER	REPORTING			
	RESULT	LIMIT	UNITS	MDL
C8-C9	ND	10	mg/kg	5.0
C10-C11	ND	10	mg/kg	5.0
C12-C13	ND	10	mg/kg	5.0
C14-C15	ND	10	mg/kg	5.0
C16-C17	ND	10	mg/kg	5.0
C18-C19	ND	10	mg/kg	5.0
C20-C23	ND	10	mg/kg	5.0
C24-C27	ND	10	mg/kg	5.0
C28-C31	ND	10	mg/kg	5.0
C32-C35	ND	10	mg/kg	5.0
C36-C39	ND	10	mg/kg	5.0
C40+	ND	10	mg/kg	5.0
Total Carbon Chain Range	ND	10	mg/kg	5.0
SURROGATE	PERCENT RECOVERY			
	RECOVERY	LIMITS	(60 - 130)	
Benzo(a)pyrene	91			

000078

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_324_5

GC Volatiles

Lot-Sample #....: E1A030216-021 Work Order #....: DR7V71AH Matrix.....: SOLID
Date Sampled....: 01/03/01 15:00 Date Received...: 01/03/01 16:05 MS Run #.....: 1005143
Prep Date.....: 01/04/01 Analysis Date...: 01/04/01
Prep Batch #....: 1005336 Analysis Time...: 21:27
Dilution Factor: 1
Analyst ID.....: 001464 Instrument ID...: G16
Method.....: SW846 8015B

PARAMETER	REPORTING			
	RESULT	LIMIT	UNITS	MDL
C6-C8	ND	1.0	mg/kg	0.10
PERCENT				RECOVERY
RECOVERY				LIMITS
SURROGATE a,a,a-Trifluorotoluene (TFT)	81	(60 - 130)		

000079

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_324_5

GC/MS Volatiles

Lot-Sample #....: E1A030216-021 Work Order #....: DR7V71AF Matrix.....: SOLID
 Date Sampled....: 01/03/01 15:00 Date Received...: 01/03/01 16:05 MS Run #.....: 1009071
 Prep Date.....: 01/08/01 Analysis Date...: 01/08/01
 Prep Batch #....: 1009200 Analysis Time...: 11:29
 Dilution Factor: 1
 Analyst ID.....: 999998 Instrument ID...: MSG
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dichlorodifluoromethane	ND	10	ug/kg	1.0
Chloromethane	ND	10	ug/kg	3.0
Vinyl chloride	ND	10	ug/kg	2.0
Bromomethane	ND	10	ug/kg	2.0
Chloroethane	ND	10	ug/kg	2.0
Trichlorofluoromethane	ND	10	ug/kg	2.0
Acrolein	ND	100	ug/kg	30
1,1-Dichloroethene	ND	5.0	ug/kg	2.0
Iodomethane	ND	10	ug/kg	5.0
Acetone	ND	25	ug/kg	15
Carbon disulfide	ND	5.0	ug/kg	2.0
Methylene chloride	ND	5.0	ug/kg	3.0
trans-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
Acrylonitrile	ND	50	ug/kg	30
Methyl tert-butyl ether	ND	5.0	ug/kg	1.0
1,1-Dichloroethane	ND	5.0	ug/kg	1.0
Vinyl acetate	ND	10	ug/kg	5.0
2,2-Dichloropropane	ND	5.0	ug/kg	2.0
cis-1,2-Dichloroethene	ND	5.0	ug/kg	2.0
2-Butanone	ND	25	ug/kg	15
Bromochloromethane	ND	5.0	ug/kg	1.0
Chloroform	ND	5.0	ug/kg	1.0
Tetrahydrofuran	ND	20	ug/kg	10
1,1,1-Trichloroethane	ND	5.0	ug/kg	1.0
1,1-Dichloropropene	ND	5.0	ug/kg	1.0
Carbon tetrachloride	ND	5.0	ug/kg	1.0
Benzene	ND	5.0	ug/kg	2.0
1,2-Dichloroethane	ND	5.0	ug/kg	1.0
Trichloroethene	ND	5.0	ug/kg	2.0
1,2-Dichloropropane	ND	5.0	ug/kg	1.0
Bromodichloromethane	ND	5.0	ug/kg	1.0
2-Chloroethyl vinyl ether	ND	10	ug/kg	5.0
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	25	ug/kg	10
Toluene	ND	5.0	ug/kg	2.0
trans-1,3-Dichloropropene	ND	5.0	ug/kg	3.0
1,1,2-Trichloroethane	ND	5.0	ug/kg	3.0

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000080

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_324_5

GC/MS Volatiles

Lot-Sample #....: E1A030216-021 Work Order #....: DR7V71AF Matrix.....: SOLID

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>MDL</u>
Tetrachloroethene	ND	5.0	ug/kg	2.0
2-Hexanone	ND	25	ug/kg	10
Dibromochloromethane	ND	5.0	ug/kg	5.0
1, 2-Dibromoethane	ND	5.0	ug/kg	3.0
Chlorobenzene	ND	5.0	ug/kg	2.0
Ethylbenzene	ND	5.0	ug/kg	2.0
Xylenes (total)	ND	5.0	ug/kg	3.0
Styrene	ND	10	ug/kg	2.0
Bromoform	ND	5.0	ug/kg	3.0
Isopropylbenzene	ND	5.0	ug/kg	2.0
p-Isopropyltoluene	ND	5.0	ug/kg	2.0
Bromobenzene	ND	5.0	ug/kg	2.0
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	3.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	3.0
n-Propylbenzene	ND	5.0	ug/kg	2.0
2-Chlorotoluene	ND	5.0	ug/kg	2.0
4-Chlorotoluene	ND	5.0	ug/kg	2.0
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	2.0
tert-Butylbenzene	ND	5.0	ug/kg	2.0
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	2.0
sec-Butylbenzene	ND	5.0	ug/kg	2.0
1,3-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,4-Dichlorobenzene	ND	5.0	ug/kg	2.0
1,2-Dichlorobenzene	ND	5.0	ug/kg	2.0
n-Butylbenzene	ND	5.0	ug/kg	2.0
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	3.0
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	2.0
Hexachlorobutadiene	ND	5.0	ug/kg	2.0
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	2.0
<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>		
Bromofluorobenzene	110	(70 - 130)		
1, 2-Dichloroethane-d4	114	(60 - 140)		
Toluene-d8	107	(70 - 130)		

000081

KENNEDY/JENKS CONSULTANTS

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #....: E1A030216-022 Work Order #....: DR7V81AA Matrix.....: WATER
 Date Sampled....: 01/03/01 15:00 Date Received...: 01/03/01 16:05 MS Run #.....: 1004152
 Prep Date.....: 01/04/01 Analysis Date...: 01/04/01
 Prep Batch #....: 1004348 Analysis Time...: 00:41
 Dilution Factor: 1
 Analyst ID.....: 004648 Instrument ID...: MSC
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	3.0
Benzene	ND	1.0	ug/L	0.30
Bromobenzene	ND	1.0	ug/L	0.30
Bromochloromethane	ND	1.0	ug/L	0.30
Bromoform	ND	1.0	ug/L	0.30
Bromomethane	ND	2.0	ug/L	1.0
Carbon tetrachloride	ND	0.50	ug/L	0.30
2-Butanone	ND	5.0	ug/L	3.0
n-Butylbenzene	ND	1.0	ug/L	0.30
sec-Butylbenzene	ND	1.0	ug/L	0.30
tert-Butylbenzene	ND	1.0	ug/L	0.20
Carbon disulfide	ND	1.0	ug/L	0.30
Chlorobenzene	ND	1.0	ug/L	0.30
Dibromochloromethane	ND	1.0	ug/L	0.30
Dichlorodifluoromethane	ND	1.0	ug/L	0.40
Bromodichloromethane	ND	1.0	ug/L	0.30
1,2-Dichloroethane	ND	0.50	ug/L	0.20
Chloroethane	ND	2.0	ug/L	0.30
Chloroform	ND	1.0	ug/L	0.20
Chloromethane	ND	2.0	ug/L	0.30
2-Chlorotoluene	ND	1.0	ug/L	0.30
4-Chlorotoluene	ND	1.0	ug/L	0.30
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.60
1,2-Dibromoethane	ND	1.0	ug/L	0.30
Iodomethane	ND	2.0	ug/L	1.0
1,2-Dichlorobenzene	ND	1.0	ug/L	0.20
1,3-Dichlorobenzene	ND	1.0	ug/L	0.20
1,4-Dichlorobenzene	ND	1.0	ug/L	0.30
1,1-Dichloroethane	ND	1.0	ug/L	0.20
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.30
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.20
Vinyl chloride	ND	0.50	ug/L	0.30
2,2-Dichloropropane	ND	1.0	ug/L	0.30
1,1-Dichloropropene	ND	1.0	ug/L	0.30
Ethylbenzene	ND	1.0	ug/L	0.20
Hexachlorobutadiene	ND	1.0	ug/L	0.30

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000082

KENNEDY/JENKS CONSULTANTS

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #....: E1A030216-022 Work Order #....: DR7V81AA Matrix.....: WATER

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
2-Hexanone	ND	5.0	ug/L	2.0
Isopropylbenzene	ND	1.0	ug/L	0.20
p-Isopropyltoluene	ND	1.0	ug/L	0.20
Methylene chloride	ND	1.0	ug/L	0.20
4-Methyl-2-pentanone	ND	5.0	ug/L	2.0
Methyl tert-butyl ether	0.62 J	1.0	ug/L	0.50
n-Propylbenzene	ND	1.0	ug/L	0.40
Styrene	ND	1.0	ug/L	0.30
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.30
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.30
Tetrachloroethene	ND	1.0	ug/L	0.70
Toluene	ND	1.0	ug/L	0.30
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.40
1,2,4-Trichloro- benzene	ND	1.0	ug/L	0.30
1,1,1-Trichloroethane	ND	1.0	ug/L	0.20
1,1,2-Trichloroethane	ND	1.0	ug/L	0.30
Trichloroethene	ND	1.0	ug/L	0.30
Trichlorofluoromethane	ND	2.0	ug/L	0.20
1,2,3-Trichloropropane	ND	1.0	ug/L	0.30
1,1,2-Trichlorotrifluoro- ethane	ND	1.0	ug/L	0.20
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.20
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.20
Xylenes (total)	ND	1.0	ug/L	0.50
Acrolein	ND	20	ug/L	12
Acrylonitrile	ND	20	ug/L	10
Vinyl acetate	ND	5.0	ug/L	1.0
Tetrahydrofuran	ND	10	ug/L	2.0
2-Chloroethyl vinyl ether	ND	5.0	ug/L	2.0
SURROGATE		PERCENT	RECOVERY	
		RECOVERY	LIMITS	
Bromofluorobenzene	95		(75 - 120)	
1,2-Dichloroethane-d4	93		(65 - 130)	
Toluene-d8	107		(80 - 130)	

NOTE(S) :

J Estimated result. Result is less than RL.

000083

KENNEDY/JENKS CONSULTANTS

Client Sample ID: RINSATE

GC/MS Volatiles

Lot-Sample #....: E1A030216-023 Work Order #....: DR7V91AA Matrix.....: WATER
 Date Sampled....: 01/03/01 15:00 Date Received...: 01/03/01 16:05 MS Run #.....: 1004152
 Prep Date.....: 01/04/01 Analysis Date...: 01/04/01
 Prep Batch #....: 1004348 Analysis Time...: 01:11
 Dilution Factor: 1
 Analyst ID.....: 004648 Instrument ID...: MSC
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
Acetone	3.5 J	10	ug/L	3.0
Benzene	ND	1.0	ug/L	0.30
Bromobenzene	ND	1.0	ug/L	0.30
Bromochloromethane	ND	1.0	ug/L	0.30
Bromoform	ND	1.0	ug/L	0.30
Bromomethane	ND	2.0	ug/L	1.0
Carbon tetrachloride	ND	0.50	ug/L	0.30
2-Butanone	ND	5.0	ug/L	3.0
n-Butylbenzene	ND	1.0	ug/L	0.30
sec-Butylbenzene	ND	1.0	ug/L	0.30
tert-Butylbenzene	ND	1.0	ug/L	0.20
Carbon disulfide	ND	1.0	ug/L	0.30
Chlorobenzene	ND	1.0	ug/L	0.30
Dichlorodifluoromethane	ND	1.0	ug/L	0.40
Dibromochloromethane	ND	1.0	ug/L	0.30
Bromodichloromethane	ND	1.0	ug/L	0.30
1,2-Dichloroethane	ND	0.50	ug/L	0.20
Chloroethane	ND	2.0	ug/L	0.30
Chloroform	ND	1.0	ug/L	0.20
Chloromethane	ND	2.0	ug/L	0.30
2-Chlorotoluene	ND	1.0	ug/L	0.30
4-Chlorotoluene	ND	1.0	ug/L	0.30
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	0.60
1,2-Dibromoethane	ND	1.0	ug/L	0.30
Iodomethane	ND	2.0	ug/L	1.0
1,2-Dichlorobenzene	ND	1.0	ug/L	0.20
1,3-Dichlorobenzene	ND	1.0	ug/L	0.20
1,4-Dichlorobenzene	ND	1.0	ug/L	0.30
1,1-Dichloroethane	ND	1.0	ug/L	0.20
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.30
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.20
Vinyl chloride	ND	0.50	ug/L	0.30
2,2-Dichloropropane	ND	1.0	ug/L	0.30
1,1-Dichloropropene	ND	1.0	ug/L	0.30
Ethylbenzene	ND	1.0	ug/L	0.20
Hexachlorobutadiene	ND	1.0	ug/L	0.30

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000084

KENNEDY/JENKS CONSULTANTS

Client Sample ID: RINSATE

GC/MS Volatiles

Lot-Sample #....: E1A030216-023 Work Order #....: DR7V91AA Matrix.....: WATER

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	MDL
2-Hexanone	ND	5.0	ug/L	2.0
Isopropylbenzene	ND	1.0	ug/L	0.20
p-Isopropyltoluene	ND	1.0	ug/L	0.20
Methylene chloride	ND	1.0	ug/L	0.20
4-Methyl-2-pentanone	ND	5.0	ug/L	2.0
Methyl tert-butyl ether	ND	1.0	ug/L	0.50
n-Propylbenzene	ND	1.0	ug/L	0.40
Styrene	ND	1.0	ug/L	0.30
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.30
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.30
Tetrachloroethene	ND	1.0	ug/L	0.70
Toluene	ND	1.0	ug/L	0.30
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.40
1,2,4-Trichloro- benzene	ND	1.0	ug/L	0.30
1,1,1-Trichloroethane	ND	1.0	ug/L	0.20
1,1,2-Trichloroethane	ND	1.0	ug/L	0.30
Trichloroethene	ND	1.0	ug/L	0.30
Trichlorofluoromethane	ND	2.0	ug/L	0.20
1,2,3-Trichloropropane	ND	1.0	ug/L	0.30
1,1,2-Trichlorotrifluoro- ethane	ND	1.0	ug/L	0.20
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.20
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.20
Xylenes (total)	ND	1.0	ug/L	0.50
Acrolein	ND	20	ug/L	12
Acrylonitrile	ND	20	ug/L	10
Vinyl acetate	ND	5.0	ug/L	1.0
Tetrahydrofuran	ND	10	ug/L	2.0
2-Chloroethyl vinyl ether	ND	5.0	ug/L	2.0
SURROGATE		PERCENT RECOVERY	RECOVERY LIMITS	
Bromofluorobenzene	100	(75 - 120)		
1,2-Dichloroethane-d4	114	(65 - 130)		
Toluene-d8	103	(80 - 130)		

NOTE(S) :

J Estimated result. Result is less than RL.

000085

KENNEDY/JENKS CONSULTANTS

Client Sample ID: P_20_2_5

TOTAL Metals

Lot-Sample #....: E1A030216-006 **Matrix.....: SOLID**
 Date Sampled....: 01/03/01 09:50 Date Received...: 01/03/01 16:05

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #....: 1004289						
Mercury	ND	0.10	mg/kg	SW846 7471A	01/04-01/05/01	DR7VJ1AW
		Dilution Factor: 1		Analysis Time...: 17:17	Analyst ID.....:	021088
		Instrument ID...: M04		MS Run #.....: 1004114	MDL.....:	0.020
Prep Batch #....: 1004345						
Aluminum	17700	20.0	mg/kg	SW846 6010B	01/04-01/05/01	DR7VJ1AC
		Dilution Factor: 1		Analysis Time...: 17:52	Analyst ID.....:	0031194
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....:	8.0
Arsenic	2.7	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR7VJ1AD
		Dilution Factor: 1		Analysis Time...: 17:52	Analyst ID.....:	0031199
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....:	0.40
Antimony	0.35 B	6.0	mg/kg	SW846 6010B	01/04-01/05/01	DR7VJ1AE
		Dilution Factor: 1		Analysis Time...: 17:52	Analyst ID.....:	0031199
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....:	0.20
Barium	85.1	2.0	mg/kg	SW846 6010B	01/04-01/05/01	DR7VJ1AF
		Dilution Factor: 1		Analysis Time...: 17:52	Analyst ID.....:	0031199
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....:	0.10
Cadmium	0.19 B	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR7VJ1AG
		Dilution Factor: 1		Analysis Time...: 17:52	Analyst ID.....:	0031199
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....:	0.050
Chromium	21.9	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR7VJ1AH
		Dilution Factor: 1		Analysis Time...: 17:52	Analyst ID.....:	0031199
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....:	0.10
Beryllium	0.57	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR7VJ1AJ
		Dilution Factor: 1		Analysis Time...: 17:52	Analyst ID.....:	0031199
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....:	0.050
Lead	5.0	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR7VJ1AK
		Dilution Factor: 1		Analysis Time...: 17:52	Analyst ID.....:	0031199
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....:	0.30

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: P_20_2_5

TOTAL Metals

Lot-Sample #....: E1A030216-006

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION-	WORK
		LIMIT	UNITS			ANALYSIS DATE	ORDER #
Selenium	ND	0.50	mg/kg		SW846 6010B	01/04-01/05/01	DR7VJ1AL
		Dilution Factor: 1			Analysis Time...: 17:52	Analyst ID.....: 0031199	
		Instrument ID...: M01			MS Run #.....: 1004149	MDL.....: 0.40	
Silver	ND	1.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7VJ1AM
		Dilution Factor: 1			Analysis Time...: 17:52	Analyst ID.....: 0031199	
		Instrument ID...: M01			MS Run #.....: 1004149	MDL.....: 0.10	
Cobalt	8.3	5.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7VJ1AN
		Dilution Factor: 1			Analysis Time...: 17:52	Analyst ID.....: 0031199	
		Instrument ID...: M01			MS Run #.....: 1004149	MDL.....: 0.10	
Copper	14.6	2.5	mg/kg		SW846 6010B	01/04-01/05/01	DR7VJ1AP
		Dilution Factor: 1			Analysis Time...: 17:52	Analyst ID.....: 0031199	
		Instrument ID...: M01			MS Run #.....: 1004149	MDL.....: 0.40	
Molybdenum	1.0 B	4.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7VJ1AQ
		Dilution Factor: 1			Analysis Time...: 17:52	Analyst ID.....: 0031199	
		Instrument ID...: M01			MS Run #.....: 1004149	MDL.....: 0.30	
Nickel	11.2	4.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7VJ1AR
		Dilution Factor: 1			Analysis Time...: 17:52	Analyst ID.....: 0031199	
		Instrument ID...: M01			MS Run #.....: 1004149	MDL.....: 0.30	
Thallium	1.2	1.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7VJ1AT
		Dilution Factor: 1			Analysis Time...: 17:52	Analyst ID.....: 0031199	
		Instrument ID...: M01			MS Run #.....: 1004149	MDL.....: 0.50	
Vanadium	43.9	5.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7VJ1AU
		Dilution Factor: 1			Analysis Time...: 17:52	Analyst ID.....: 0031199	
		Instrument ID...: M01			MS Run #.....: 1004149	MDL.....: 0.10	
Zinc	38.7	2.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7VJ1AV
		Dilution Factor: 1			Analysis Time...: 17:52	Analyst ID.....: 0031199	
		Instrument ID...: M01			MS Run #.....: 1004149	MDL.....: 1.0	

NOTE(S) :

B Estimated result. Result is less than RL.

000087

KENNEDY/JENKS CONSULTANTS

Client Sample ID: P_20_2_10

TOTAL Metals

Lot-Sample #....: E1A030216-007
 Date Sampled....: 01/03/01 10:00 Date Received...: 01/03/01 16:05 Matrix.....: SOLID

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
Prep Batch #....:	1004289					
Mercury	0.051 B	0.10	mg/kg	SW846 7471A	01/04-01/05/01	DR7VN1AW
		Dilution Factor: 1		Analysis Time...: 17:26	Analyst ID.....:	021088
		Instrument ID...: M04		MS Run #.....: 1004114	MDL.....:	0.020
Prep Batch #....:	1004349					
Aluminum	29900	20.0	mg/kg	SW846 6010B	01/04-01/05/01	DR7VN1AC
		Dilution Factor: 1		Analysis Time...: 19:23	Analyst ID.....:	0031194
		Instrument ID...: M01		MS Run #.....: 1004151	MDL.....:	8.0
Arsenic	5.0	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR7VN1AD
		Dilution Factor: 1		Analysis Time...: 19:23	Analyst ID.....:	0031191
		Instrument ID...: M01		MS Run #.....: 1004151	MDL.....:	0.40
Antimony	0.91 B	6.0	mg/kg	SW846 6010B	01/04-01/05/01	DR7VN1AE
		Dilution Factor: 1		Analysis Time...: 19:23	Analyst ID.....:	0031191
		Instrument ID...: M01		MS Run #.....: 1004151	MDL.....:	0.20
Barium	155	2.0	mg/kg	SW846 6010B	01/04-01/05/01	DR7VN1AF
		Dilution Factor: 1		Analysis Time...: 19:23	Analyst ID.....:	0031191
		Instrument ID...: M01		MS Run #.....: 1004151	MDL.....:	0.10
Cadmium	0.67	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR7VN1AG
		Dilution Factor: 1		Analysis Time...: 19:23	Analyst ID.....:	0031191
		Instrument ID...: M01		MS Run #.....: 1004151	MDL.....:	0.050
Chromium	38.5	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR7VN1AH
		Dilution Factor: 1		Analysis Time...: 19:23	Analyst ID.....:	0031191
		Instrument ID...: M01		MS Run #.....: 1004151	MDL.....:	0.10
Beryllium	0.88	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR7VN1AJ
		Dilution Factor: 1		Analysis Time...: 19:23	Analyst ID.....:	0031191
		Instrument ID...: M01		MS Run #.....: 1004151	MDL.....:	0.050
Lead	7.0	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR7VN1AK
		Dilution Factor: 1		Analysis Time...: 19:23	Analyst ID.....:	0031191
		Instrument ID...: M01		MS Run #.....: 1004151	MDL.....:	0.30

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000088

KENNEDY/JENKS CONSULTANTS

Client Sample ID: P_20_2_10

TOTAL Metals

Lot-Sample #....: E1A030216-007

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION-	WORK
		LIMIT	UNITS			ANALYSIS DATE	ORDER #
Selenium	ND	0.50	mg/kg		SW846 6010B	01/04-01/05/01	DR7VN1AL
		Dilution Factor: 1			Analysis Time...: 19:23	Analyst ID.....: 0031191	
		Instrument ID...: M01			MS Run #.....: 1004151	MDL.....: 0.40	
Silver	ND	1.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7VN1AM
		Dilution Factor: 1			Analysis Time...: 19:23	Analyst ID.....: 0031191	
		Instrument ID...: M01			MS Run #.....: 1004151	MDL.....: 0.10	
Cobalt	14.0	5.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7VN1AN
		Dilution Factor: 1			Analysis Time...: 19:23	Analyst ID.....: 0031191	
		Instrument ID...: M01			MS Run #.....: 1004151	MDL.....: 0.10	
Copper	32.4	2.5	mg/kg		SW846 6010B	01/04-01/05/01	DR7VN1AP
		Dilution Factor: 1			Analysis Time...: 19:23	Analyst ID.....: 0031191	
		Instrument ID...: M01			MS Run #.....: 1004151	MDL.....: 0.40	
Molybdenum	2.2 B	4.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7VN1AQ
		Dilution Factor: 1			Analysis Time...: 19:23	Analyst ID.....: 0031191	
		Instrument ID...: M01			MS Run #.....: 1004151	MDL.....: 0.30	
Nickel	26.7	4.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7VN1AR
		Dilution Factor: 1			Analysis Time...: 19:23	Analyst ID.....: 0031191	
		Instrument ID...: M01			MS Run #.....: 1004151	MDL.....: 0.30	
Thallium	1.8	1.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7VN1AT
		Dilution Factor: 1			Analysis Time...: 19:23	Analyst ID.....: 0031191	
		Instrument ID...: M01			MS Run #.....: 1004151	MDL.....: 0.50	
Vanadium	71.7	5.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7VN1AU
		Dilution Factor: 1			Analysis Time...: 19:23	Analyst ID.....: 0031191	
		Instrument ID...: M01			MS Run #.....: 1004151	MDL.....: 0.10	
Zinc	82.2	2.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7VN1AV
		Dilution Factor: 1			Analysis Time...: 19:23	Analyst ID.....: 0031191	
		Instrument ID...: M01			MS Run #.....: 1004151	MDL.....: 1.0	

NOTE(S) :

B Estimated result. Result is less than RL.

000089

KENNEDY/JENKS CONSULTANTS

Client Sample ID: P_20_2_15

TOTAL Metals

Lot-Sample #....: E1A030216-008 Date Sampled....: 01/03/01 10:05 Date Received...: 01/03/01 16:05				Matrix.....: SOLID		
<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
Prep Batch #....: 1004289						
Mercury	0.059 B	0.10	mg/kg	SW846 7471A	01/04-01/05/01	DR7VP1AW
		Dilution Factor: 1		Analysis Time...: 17:28	Analyst ID.....:	021088
		Instrument ID...: M04		MS Run #.....: 1004114	MDL.....:	0.020
Prep Batch #....: 1004349						
Aluminum	21100	20.0	mg/kg	SW846 6010B	01/04-01/05/01	DR7VP1AC
		Dilution Factor: 1		Analysis Time...: 20:09	Analyst ID.....:	0031194
		Instrument ID...: M01		MS Run #.....: 1004151	MDL.....:	8.0
Arsenic	5.0	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR7VP1AD
		Dilution Factor: 1		Analysis Time...: 20:09	Analyst ID.....:	0031191
		Instrument ID...: M01		MS Run #.....: 1004151	MDL.....:	0.40
Antimony	0.82 B	6.0	mg/kg	SW846 6010B	01/04-01/05/01	DR7VP1AE
		Dilution Factor: 1		Analysis Time...: 20:09	Analyst ID.....:	0031191
		Instrument ID...: M01		MS Run #.....: 1004151	MDL.....:	0.20
Barium	157	2.0	mg/kg	SW846 6010B	01/04-01/05/01	DR7VP1AF
		Dilution Factor: 1		Analysis Time...: 20:09	Analyst ID.....:	0031191
		Instrument ID...: M01		MS Run #.....: 1004151	MDL.....:	0.10
Cadmium	0.44 B	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR7VP1AG
		Dilution Factor: 1		Analysis Time...: 20:09	Analyst ID.....:	0031191
		Instrument ID...: M01		MS Run #.....: 1004151	MDL.....:	0.050
Chromium	26.3	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR7VP1AH
		Dilution Factor: 1		Analysis Time...: 20:09	Analyst ID.....:	0031191
		Instrument ID...: M01		MS Run #.....: 1004151	MDL.....:	0.10
Beryllium	0.61	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR7VP1AJ
		Dilution Factor: 1		Analysis Time...: 20:09	Analyst ID.....:	0031191
		Instrument ID...: M01		MS Run #.....: 1004151	MDL.....:	0.050
Lead	4.9	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR7VP1AK
		Dilution Factor: 1		Analysis Time...: 20:09	Analyst ID.....:	0031191
		Instrument ID...: M01		MS Run #.....: 1004151	MDL.....:	0.30

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000090

KENNEDY/JENKS CONSULTANTS

Client Sample ID: P_20_2_15

TOTAL Metals

Lot-Sample #....: E1A030216-008

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION-	WORK
		LIMIT	UNITS			ANALYSIS DATE	ORDER #
Selenium	ND	0.50	mg/kg		SW846 6010B	01/04-01/05/01	DR7VP1AL
		Dilution Factor: 1			Analysis Time...: 20:09	Analyst ID.....: 0031191	
		Instrument ID...: M01			MS Run #.....: 1004151	MDL.....: 0.40	
Silver	ND	1.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7VP1AM
		Dilution Factor: 1			Analysis Time...: 20:09	Analyst ID.....: 0031191	
		Instrument ID...: M01			MS Run #.....: 1004151	MDL.....: 0.10	
Cobalt	12.0	5.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7VP1AN
		Dilution Factor: 1			Analysis Time...: 20:09	Analyst ID.....: 0031191	
		Instrument ID...: M01			MS Run #.....: 1004151	MDL.....: 0.10	
Copper	27.4	2.5	mg/kg		SW846 6010B	01/04-01/05/01	DR7VP1AP
		Dilution Factor: 1			Analysis Time...: 20:09	Analyst ID.....: 0031191	
		Instrument ID...: M01			MS Run #.....: 1004151	MDL.....: 0.40	
Molybdenum	1.7 B	4.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7VP1AQ
		Dilution Factor: 1			Analysis Time...: 20:09	Analyst ID.....: 0031191	
		Instrument ID...: M01			MS Run #.....: 1004151	MDL.....: 0.30	
Nickel	21.5	4.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7VP1AR
		Dilution Factor: 1			Analysis Time...: 20:09	Analyst ID.....: 0031191	
		Instrument ID...: M01			MS Run #.....: 1004151	MDL.....: 0.30	
Thallium	1.2	1.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7VP1AT
		Dilution Factor: 1			Analysis Time...: 20:09	Analyst ID.....: 0031191	
		Instrument ID...: M01			MS Run #.....: 1004151	MDL.....: 0.50	
Vanadium	58.7	5.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7VP1AU
		Dilution Factor: 1			Analysis Time...: 20:09	Analyst ID.....: 0031191	
		Instrument ID...: M01			MS Run #.....: 1004151	MDL.....: 0.10	
Zinc	65.0	2.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7VP1AV
		Dilution Factor: 1			Analysis Time...: 20:09	Analyst ID.....: 0031191	
		Instrument ID...: M01			MS Run #.....: 1004151	MDL.....: 1.0	

NOTE (S) :

B Estimated result. Result is less than RL.

000091

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_318_5

TOTAL Metals

Lot-Sample #....: E1A030216-009 Matrix.....: SOLID
 Date Sampled....: 01/03/01 10:35 Date Received..: 01/03/01 16:05

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
Prep Batch #....:	1004289					
Mercury	0.034 B	0.10	mg/kg	SW846 7471A	01/04-01/05/01	DR7VQ1A0
		Dilution Factor: 1		Analysis Time...: 17:30	Analyst ID.....:	021088
		Instrument ID...: M04		MS Run #.....: 1004114	MDL.....:	0.020
Prep Batch #....:	1004349					
Aluminum	23200	20.0	mg/kg	SW846 6010B	01/04-01/05/01	DR7VQ1AE
		Dilution Factor: 1		Analysis Time...: 20:17	Analyst ID.....:	0031194
		Instrument ID...: M01		MS Run #.....: 1004151	MDL.....:	8.0
Arsenic	3.3	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR7VQ1AF
		Dilution Factor: 1		Analysis Time...: 20:17	Analyst ID.....:	0031191
		Instrument ID...: M01		MS Run #.....: 1004151	MDL.....:	0.40
Antimony	0.36 B	6.0	mg/kg	SW846 6010B	01/04-01/05/01	DR7VQ1AG
		Dilution Factor: 1		Analysis Time...: 20:17	Analyst ID.....:	0031191
		Instrument ID...: M01		MS Run #.....: 1004151	MDL.....:	0.20
Barium	134	2.0	mg/kg	SW846 6010B	01/04-01/05/01	DR7VQ1AH
		Dilution Factor: 1		Analysis Time...: 20:17	Analyst ID.....:	0031191
		Instrument ID...: M01		MS Run #.....: 1004151	MDL.....:	0.10
Cadmium	0.33 B	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR7VQ1AJ
		Dilution Factor: 1		Analysis Time...: 20:17	Analyst ID.....:	0031191
		Instrument ID...: M01		MS Run #.....: 1004151	MDL.....:	0.050
Chromium	25.4	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR7VQ1AK
		Dilution Factor: 1		Analysis Time...: 20:17	Analyst ID.....:	0031191
		Instrument ID...: M01		MS Run #.....: 1004151	MDL.....:	0.10
Beryllium	0.67	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR7VQ1AL
		Dilution Factor: 1		Analysis Time...: 20:17	Analyst ID.....:	0031191
		Instrument ID...: M01		MS Run #.....: 1004151	MDL.....:	0.050
Lead	6.0	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR7VQ1AM
		Dilution Factor: 1		Analysis Time...: 20:17	Analyst ID.....:	0031191
		Instrument ID...: M01		MS Run #.....: 1004151	MDL.....:	0.30

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000092

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_318_5

TOTAL Metals

Lot-Sample #....: E1A030216-009

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS				
Selenium	ND	0.50	mg/kg		SW846 6010B	01/04-01/05/01	DR7VQ1AN
		Dilution Factor: 1			Analysis Time...: 20:17		Analyst ID.....: 0031191
		Instrument ID...: M01			MS Run #.....: 1004151		MDL.....: 0.40
Silver	ND	1.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7VQ1AP
		Dilution Factor: 1			Analysis Time...: 20:17		Analyst ID.....: 0031191
		Instrument ID...: M01			MS Run #.....: 1004151		MDL.....: 0.10
Cobalt	12.4	5.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7VQ1AQ
		Dilution Factor: 1			Analysis Time...: 20:17		Analyst ID.....: 0031191
		Instrument ID...: M01			MS Run #.....: 1004151		MDL.....: 0.10
Copper	20.8	2.5	mg/kg		SW846 6010B	01/04-01/05/01	DR7VQ1AR
		Dilution Factor: 1			Analysis Time...: 20:17		Analyst ID.....: 0031191
		Instrument ID...: M01			MS Run #.....: 1004151		MDL.....: 0.40
Molybdenum	1.4 B	4.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7VQ1AT
		Dilution Factor: 1			Analysis Time...: 20:17		Analyst ID.....: 0031191
		Instrument ID...: M01			MS Run #.....: 1004151		MDL.....: 0.30
Nickel	19.1	4.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7VQ1AU
		Dilution Factor: 1			Analysis Time...: 20:17		Analyst ID.....: 0031191
		Instrument ID...: M01			MS Run #.....: 1004151		MDL.....: 0.30
Thallium	0.87 B	1.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7VQ1AV
		Dilution Factor: 1			Analysis Time...: 20:17		Analyst ID.....: 0031191
		Instrument ID...: M01			MS Run #.....: 1004151		MDL.....: 0.50
Vanadium	50.9	5.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7VQ1AW
		Dilution Factor: 1			Analysis Time...: 20:17		Analyst ID.....: 0031191
		Instrument ID...: M01			MS Run #.....: 1004151		MDL.....: 0.10
Zinc	52.7	2.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7VQ1AX
		Dilution Factor: 1			Analysis Time...: 20:17		Analyst ID.....: 0031191
		Instrument ID...: M01			MS Run #.....: 1004151		MDL.....: 1.0

NOTE(S) :

B Estimated result. Result is less than RL.

000093

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_319_5

TOTAL Metals

Lot-Sample #....: E1A030216-012 Matrix.....: SOLID
 Date Sampled....: 01/03/01 11:00 Date Received...: 01/03/01 16:05

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
Prep Batch #....:	1004289					
Mercury	0.046 B	0.10	mg/kg	SW846 7471A	01/04-01/05/01	DR7VV1A0
		Dilution Factor: 1		Analysis Time...: 17:32	Analyst ID.....:	021088
		Instrument ID...: M04		MS Run #.....: 1004114	MDL.....:	0.020
Prep Batch #....:	1004349					
Aluminum	22600	20.0	mg/kg	SW846 6010B	01/04-01/05/01	DR7VV1AE
		Dilution Factor: 1		Analysis Time...: 20:25	Analyst ID.....:	0031194
		Instrument ID...: M01		MS Run #.....: 1004151	MDL.....:	8.0
Arsenic	3.9	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR7VV1AF
		Dilution Factor: 1		Analysis Time...: 20:25	Analyst ID.....:	0031191
		Instrument ID...: M01		MS Run #.....: 1004151	MDL.....:	0.40
Antimony	0.61 B	6.0	mg/kg	SW846 6010B	01/04-01/05/01	DR7VV1AG
		Dilution Factor: 1		Analysis Time...: 20:25	Analyst ID.....:	0031191
		Instrument ID...: M01		MS Run #.....: 1004151	MDL.....:	0.20
Barium	138	2.0	mg/kg	SW846 6010B	01/04-01/05/01	DR7VV1AH
		Dilution Factor: 1		Analysis Time...: 20:25	Analyst ID.....:	0031191
		Instrument ID...: M01		MS Run #.....: 1004151	MDL.....:	0.10
Cadmium	0.30 B	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR7VV1AJ
		Dilution Factor: 1		Analysis Time...: 20:25	Analyst ID.....:	0031191
		Instrument ID...: M01		MS Run #.....: 1004151	MDL.....:	0.050
Chromium	25.7	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR7VV1AK
		Dilution Factor: 1		Analysis Time...: 20:25	Analyst ID.....:	0031191
		Instrument ID...: M01		MS Run #.....: 1004151	MDL.....:	0.10
Beryllium	0.67	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR7VV1AL
		Dilution Factor: 1		Analysis Time...: 20:25	Analyst ID.....:	0031191
		Instrument ID...: M01		MS Run #.....: 1004151	MDL.....:	0.050
Lead	5.4	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR7VV1AM
		Dilution Factor: 1		Analysis Time...: 20:25	Analyst ID.....:	0031191
		Instrument ID...: M01		MS Run #.....: 1004151	MDL.....:	0.30

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_319_5

TOTAL Metals

Lot-Sample #....: E1A030216-012

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION-	WORK
		LIMIT	UNITS			ANALYSIS DATE	ORDER #
Selenium	ND	0.50	mg/kg		SW846 6010B	01/04-01/05/01	DR7VV1AN
		Dilution Factor: 1			Analysis Time...: 20:25	Analyst ID.....: 0031191	
		Instrument ID...: M01			MS Run #.....: 1004151	MDL.....: 0.40	
Silver	ND	1.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7VV1AP
		Dilution Factor: 1			Analysis Time...: 20:25	Analyst ID.....: 0031191	
		Instrument ID...: M01			MS Run #.....: 1004151	MDL.....: 0.10	
Cobalt	10.8	5.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7VV1AQ
		Dilution Factor: 1			Analysis Time...: 20:25	Analyst ID.....: 0031191	
		Instrument ID...: M01			MS Run #.....: 1004151	MDL.....: 0.10	
Copper	21.0	2.5	mg/kg		SW846 6010B	01/04-01/05/01	DR7VV1AR
		Dilution Factor: 1			Analysis Time...: 20:25	Analyst ID.....: 0031191	
		Instrument ID...: M01			MS Run #.....: 1004151	MDL.....: 0.40	
Molybdenum	1.4 B	4.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7VV1AT
		Dilution Factor: 1			Analysis Time...: 20:25	Analyst ID.....: 0031191	
		Instrument ID...: M01			MS Run #.....: 1004151	MDL.....: 0.30	
Nickel	17.4	4.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7VV1AU
		Dilution Factor: 1			Analysis Time...: 20:25	Analyst ID.....: 0031191	
		Instrument ID...: M01			MS Run #.....: 1004151	MDL.....: 0.30	
Thallium	1.3	1.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7VV1AV
		Dilution Factor: 1			Analysis Time...: 20:25	Analyst ID.....: 0031191	
		Instrument ID...: M01			MS Run #.....: 1004151	MDL.....: 0.50	
Vanadium	53.4	5.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7VV1AW
		Dilution Factor: 1			Analysis Time...: 20:25	Analyst ID.....: 0031191	
		Instrument ID...: M01			MS Run #.....: 1004151	MDL.....: 0.10	
Zinc	54.9	2.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7VV1AX
		Dilution Factor: 1			Analysis Time...: 20:25	Analyst ID.....: 0031191	
		Instrument ID...: M01			MS Run #.....: 1004151	MDL.....: 1.0	

NOTE (S) :

B Estimated result. Result is less than RL.

000095

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_321_5

TOTAL Metals

Lot-Sample #....:	E1A030216-015			Matrix.....:	SOLID
Date Sampled....:	01/03/01 13:20			Date Received...:	01/03/01 16:05
PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE
Prep Batch #....:	1004287				WORK ORDER #
Mercury	ND	0.10	mg/kg	SW846 7471A	01/04-01/05/01 DR7V01AA
		Dilution Factor: 1		Analysis Time...: 17:04	Analyst ID.....: 021088
		Instrument ID...: M04		MS Run #.....: 1004109	MDL.....: 0.020
Prep Batch #....:	1004345				
Aluminum	12200	20.0	mg/kg	SW846 6010B	01/04-01/05/01 DR7V01AF
		Dilution Factor: 1		Analysis Time...: 18:00	Analyst ID.....: 0031199
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 8.0
Arsenic	2.5	1.0	mg/kg	SW846 6010B	01/04-01/05/01 DR7V01AG
		Dilution Factor: 1		Analysis Time...: 18:00	Analyst ID.....: 0031199
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.40
Antimony	0.29 B	6.0	mg/kg	SW846 6010B	01/04-01/05/01 DR7V01AH
		Dilution Factor: 1		Analysis Time...: 18:00	Analyst ID.....: 0031199
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.20
Barium	96.1	2.0	mg/kg	SW846 6010B	01/04-01/05/01 DR7V01AJ
		Dilution Factor: 1		Analysis Time...: 18:00	Analyst ID.....: 0031199
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.10
Cadmium	0.23 B	0.50	mg/kg	SW846 6010B	01/04-01/05/01 DR7V01AK
		Dilution Factor: 1		Analysis Time...: 18:00	Analyst ID.....: 0031199
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.050
Chromium	16.0	1.0	mg/kg	SW846 6010B	01/04-01/05/01 DR7V01AL
		Dilution Factor: 1		Analysis Time...: 18:00	Analyst ID.....: 0031199
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.10
Beryllium	0.44 B	0.50	mg/kg	SW846 6010B	01/04-01/05/01 DR7V01AM
		Dilution Factor: 1		Analysis Time...: 18:00	Analyst ID.....: 0031199
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.050
Lead	4.8	0.50	mg/kg	SW846 6010B	01/04-01/05/01 DR7V01AN
		Dilution Factor: 1		Analysis Time...: 18:00	Analyst ID.....: 0031199
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.30

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_321_5

TOTAL Metals

Lot-Sample #....: E1A030216-015

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION-	WORK
		LIMIT	UNITS			ANALYSIS DATE	ORDER #
Selenium	ND	0.50	mg/kg		SW846 6010B	01/04-01/05/01	DR7V01AP
		Dilution Factor: 1		Analysis Time...: 18:00		Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149		MDL.....: 0.40	
Silver	ND	1.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7V01AQ
		Dilution Factor: 1		Analysis Time...: 18:00		Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149		MDL.....: 0.10	
Cobalt	9.1	5.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7V01AR
		Dilution Factor: 1		Analysis Time...: 18:00		Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149		MDL.....: 0.10	
Copper	13.8	2.5	mg/kg		SW846 6010B	01/04-01/05/01	DR7V01AT
		Dilution Factor: 1		Analysis Time...: 18:00		Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149		MDL.....: 0.40	
Molybdenum	0.87 B	4.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7V01AU
		Dilution Factor: 1		Analysis Time...: 18:00		Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149		MDL.....: 0.30	
Nickel	10.5	4.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7V01AV
		Dilution Factor: 1		Analysis Time...: 18:00		Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149		MDL.....: 0.30	
Thallium	1.0	1.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7V01AW
		Dilution Factor: 1		Analysis Time...: 18:00		Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149		MDL.....: 0.50	
Vanadium	33.0	5.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7V01AX
		Dilution Factor: 1		Analysis Time...: 18:00		Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149		MDL.....: 0.10	
Zinc	32.3	2.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7V01AO
		Dilution Factor: 1		Analysis Time...: 18:00		Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149		MDL.....: 1.0	

NOTE (S) :

B Estimated result. Result is less than RL.

000097

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_322_1

TOTAL Metals

Lot-Sample #....: E1A030216-016

Date Sampled....: 01/03/01 13:47 Date Received...: 01/03/01 16:05

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
✓Mercury	✓Prep Batch #: 1004287 ✓0.030 B	0.10	mg/kg	✓SW846 7471A Dilution Factor: 1 Instrument ID.: M04	✓01/04-01/05/01 DR7V11AC Analysis Time...: 17:06 MS Run #.....: 1004109	Analyst ID.....: 021088 MDL.....: 0.020
✓Aluminum	✓Prep Batch #: 1004345 ✓24800	20.0	mg/kg	✓SW846 6010B Dilution Factor: 1 Instrument ID.: M01	✓01/04-01/05/01 DR7V11AG Analysis Time...: 18:08 MS Run #.....: 1004149	Analyst ID.....: 0031199 MDL.....: 8.0
✓Arsenic	✓3.4	1.0	mg/kg	✓SW846 6010B Dilution Factor: 1 Instrument ID.: M01	✓01/04-01/05/01 DR7V11AH Analysis Time...: 18:08 MS Run #.....: 1004149	Analyst ID.....: 0031199 MDL.....: 0.40
✓Antimony	✓0.30 B	6.0	mg/kg	✓SW846 6010B Dilution Factor: 1 Instrument ID.: M01	✓01/04-01/05/01 DR7V11AJ Analysis Time...: 18:08 MS Run #.....: 1004149	Analyst ID.....: 0031199 MDL.....: 0.20
✓Barium	✓177	2.0	mg/kg	✓SW846 6010B Dilution Factor: 1 Instrument ID.: M01	✓01/04-01/05/01 DR7V11AK Analysis Time...: 18:08 MS Run #.....: 1004149	Analyst ID.....: 0031199 MDL.....: 0.10
✓Cadmium	✓0.32 B	0.50	mg/kg	✓SW846 6010B Dilution Factor: 1 Instrument ID.: M01	✓01/04-01/05/01 DR7V11AL Analysis Time...: 18:08 MS Run #.....: 1004149	Analyst ID.....: 0031199 MDL.....: 0.050
✓Chromium	✓27.3	1.0	mg/kg	✓SW846 6010B Dilution Factor: 1 Instrument ID.: M01	✓01/04-01/05/01 DR7V11AM Analysis Time...: 18:08 MS Run #.....: 1004149	Analyst ID.....: 0031199 MDL.....: 0.10
✓Beryllium	✓0.75	0.50	mg/kg	✓SW846 6010B Dilution Factor: 1 Instrument ID.: M01	✓01/04-01/05/01 DR7V11AN Analysis Time...: 18:08 MS Run #.....: 1004149	Analyst ID.....: 0031199 MDL.....: 0.050
✓Lead	✓5.2	0.50	mg/kg	✓SW846 6010B Dilution Factor: 1 Instrument ID.: M01	✓01/04-01/05/01 DR7V11AP Analysis Time...: 18:08 MS Run #.....: 1004149	Analyst ID.....: 0031199 MDL.....: 0.30

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KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_322_1

TOTAL Metals

Lot-Sample #....: E1A030216-016

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION-	WORK
		LIMIT	UNITS	ANALYSIS DATE			
Selenium	ND	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR7V11AQ	
		Dilution Factor: 1		Analysis Time...: 18:08		Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149		MDL.....: 0.40	
Silver	ND	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR7V11AR	
		Dilution Factor: 1		Analysis Time...: 18:08		Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149		MDL.....: 0.10	
Cobalt	10.1	5.0	mg/kg	SW846 6010B	01/04-01/05/01	DR7V11AT	
		Dilution Factor: 1		Analysis Time...: 18:08		Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149		MDL.....: 0.10	
Copper	18.1	2.5	mg/kg	SW846 6010B	01/04-01/05/01	DR7V11AU	
		Dilution Factor: 1		Analysis Time...: 18:08		Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149		MDL.....: 0.40	
Molybdenum	1.3 B	4.0	mg/kg	SW846 6010B	01/04-01/05/01	DR7V11AV	
		Dilution Factor: 1		Analysis Time...: 18:08		Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149		MDL.....: 0.30	
Nickel	18.0	4.0	mg/kg	SW846 6010B	01/04-01/05/01	DR7V11AW	
		Dilution Factor: 1		Analysis Time...: 18:08		Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149		MDL.....: 0.30	
Thallium	1.5	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR7V11AX	
		Dilution Factor: 1		Analysis Time...: 18:08		Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149		MDL.....: 0.50	
Vanadium	53.2	5.0	mg/kg	SW846 6010B	01/04-01/05/01	DR7V11AO	
		Dilution Factor: 1		Analysis Time...: 18:08		Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149		MDL.....: 0.10	
Zinc	56.9	2.0	mg/kg	SW846 6010B	01/04-01/05/01	DR7V11AA	
		Dilution Factor: 1		Analysis Time...: 18:08		Analyst ID.....: 0031199	
		Instrument ID...: M01		MS Run #.....: 1004149		MDL.....: 1.0	

NOTE(S) :

B Estimated result. Result is less than RL.

000099

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_322_5

TOTAL Metals

Lot-Sample #....:	E1A030216-017			Matrix.....:	SOLID
Date Sampled....:	01/03/01 14:00			Date Received...:	01/03/01 16:05
PARAMETER	RESULT	REPORTING LIMIT	UNITS	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #....:	1004287				
Mercury	ND	0.10	mg/kg	SW846 7471A	01/04-01/05/01 DR7V21AD
		Dilution Factor: 1		Analysis Time...: 17:08	Analyst ID.....: 021088
		Instrument ID...: M04		MS Run #.....: 1004109	MDL.....: 0.020
Prep Batch #....:	1004345				
Aluminum	13400	20.0	mg/kg	SW846 6010B	01/04-01/05/01 DR7V21AH
		Dilution Factor: 1		Analysis Time...: 18:16	Analyst ID.....: 0031199
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 8.0
Arsenic	2.5	1.0	mg/kg	SW846 6010B	01/04-01/05/01 DR7V21AJ
		Dilution Factor: 1		Analysis Time...: 18:16	Analyst ID.....: 0031199
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.40
Antimony	0.43 B	6.0	mg/kg	SW846 6010B	01/04-01/05/01 DR7V21AK
		Dilution Factor: 1		Analysis Time...: 18:16	Analyst ID.....: 0031199
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.20
Barium	144	2.0	mg/kg	SW846 6010B	01/04-01/05/01 DR7V21AL
		Dilution Factor: 1		Analysis Time...: 18:16	Analyst ID.....: 0031199
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.10
Cadmium	0.31 B	0.50	mg/kg	SW846 6010B	01/04-01/05/01 DR7V21AM
		Dilution Factor: 1		Analysis Time...: 18:16	Analyst ID.....: 0031199
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.050
Chromium	17.8	1.0	mg/kg	SW846 6010B	01/04-01/05/01 DR7V21AN
		Dilution Factor: 1		Analysis Time...: 18:16	Analyst ID.....: 0031199
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.10
Beryllium	0.48 B	0.50	mg/kg	SW846 6010B	01/04-01/05/01 DR7V21AP
		Dilution Factor: 1		Analysis Time...: 18:16	Analyst ID.....: 0031199
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.050
Lead	5.6	0.50	mg/kg	SW846 6010B	01/04-01/05/01 DR7V21AQ
		Dilution Factor: 1		Analysis Time...: 18:16	Analyst ID.....: 0031199
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.30

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000100

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_322_5

TOTAL Metals

Lot-Sample #....: E1A030216-017

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION-	WORK
		LIMIT	UNITS			ANALYSIS DATE	ORDER #
Selenium	ND	0.50	mg/kg		SW846 6010B	01/04-01/05/01	DR7V21AR
		Dilution Factor: 1			Analysis Time...: 18:16		Analyst ID.....: 0031199
		Instrument ID...: M01			MS Run #.....: 1004149		MDL.....: 0.40
Silver	ND	1.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7V21AT
		Dilution Factor: 1			Analysis Time...: 18:16		Analyst ID.....: 0031199
		Instrument ID...: M01			MS Run #.....: 1004149		MDL.....: 0.10
Cobalt	10.7	5.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7V21AU
		Dilution Factor: 1			Analysis Time...: 18:16		Analyst ID.....: 0031199
		Instrument ID...: M01			MS Run #.....: 1004149		MDL.....: 0.10
Copper	15.8	2.5	mg/kg		SW846 6010B	01/04-01/05/01	DR7V21AV
		Dilution Factor: 1			Analysis Time...: 18:16		Analyst ID.....: 0031199
		Instrument ID...: M01			MS Run #.....: 1004149		MDL.....: 0.40
Molybdenum	1.2 B	4.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7V21AW
		Dilution Factor: 1			Analysis Time...: 18:16		Analyst ID.....: 0031199
		Instrument ID...: M01			MS Run #.....: 1004149		MDL.....: 0.30
Nickel	13.3	4.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7V21AX
		Dilution Factor: 1			Analysis Time...: 18:16		Analyst ID.....: 0031199
		Instrument ID...: M01			MS Run #.....: 1004149		MDL.....: 0.30
Thallium	1.2	1.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7V21AO
		Dilution Factor: 1			Analysis Time...: 18:16		Analyst ID.....: 0031199
		Instrument ID...: M01			MS Run #.....: 1004149		MDL.....: 0.50
Vanadium	36.7	5.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7V21AA
		Dilution Factor: 1			Analysis Time...: 18:16		Analyst ID.....: 0031199
		Instrument ID...: M01			MS Run #.....: 1004149		MDL.....: 0.10
Zinc	37.3	2.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7V21AC
		Dilution Factor: 1			Analysis Time...: 18:16		Analyst ID.....: 0031199
		Instrument ID...: M01			MS Run #.....: 1004149		MDL.....: 1.0

NOTE(S) :

B Estimated result. Result is less than RL.

000101

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_323_5

TOTAL Metals

Lot-Sample #....: E1A030216-018 Matrix.....: SOLID
 Date Sampled...: 01/03/01 14:25 Date Received..: 01/03/01 16:05

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
Prep Batch #....:	1004287					
Mercury	ND	0.10	mg/kg	SW846 7471A	01/04-01/05/01	DR7V31AD
		Dilution Factor: 1		Analysis Time...: 17:09	Analyst ID.....:	021088
		Instrument ID...: M04		MS Run #.....: 1004109	MDL.....:	0.020
Prep Batch #....:	1004345					
Aluminum	11700	20.0	mg/kg	SW846 6010B	01/04-01/05/01	DR7V31AH
		Dilution Factor: 1		Analysis Time...: 18:38	Analyst ID.....:	0031199
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....:	8.0
Arsenic	2.3	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR7V31AJ
		Dilution Factor: 1		Analysis Time...: 18:38	Analyst ID.....:	0031199
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....:	0.40
Antimony	0.36 B	6.0	mg/kg	SW846 6010B	01/04-01/05/01	DR7V31AK
		Dilution Factor: 1		Analysis Time...: 18:38	Analyst ID.....:	0031199
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....:	0.20
Barium	97.8	2.0	mg/kg	SW846 6010B	01/04-01/05/01	DR7V31AL
		Dilution Factor: 1		Analysis Time...: 18:38	Analyst ID.....:	0031199
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....:	0.10
Cadmium	0.25 B	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR7V31AM
		Dilution Factor: 1		Analysis Time...: 18:38	Analyst ID.....:	0031199
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....:	0.050
Chromium	15.8	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR7V31AN
		Dilution Factor: 1		Analysis Time...: 18:38	Analyst ID.....:	0031199
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....:	0.10
Beryllium	0.42 B	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR7V31AP
		Dilution Factor: 1		Analysis Time...: 18:38	Analyst ID.....:	0031199
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....:	0.050
Lead	4.9	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR7V31AQ
		Dilution Factor: 1		Analysis Time...: 18:38	Analyst ID.....:	0031199
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....:	0.30

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000102

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_323_5

TOTAL Metals

Lot-Sample #....: E1A030216-018

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS				
Selenium	ND	0.50	mg/kg		SW846 6010B	01/04-01/05/01	DR7V31AR
		Dilution Factor: 1			Analysis Time...: 18:38		Analyst ID.....: 0031199
		Instrument ID...: M01			MS Run #.....: 1004149		MDL.....: 0.40
Silver	ND	1.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7V31AT
		Dilution Factor: 1			Analysis Time...: 18:38		Analyst ID.....: 0031199
		Instrument ID...: M01			MS Run #.....: 1004149		MDL.....: 0.10
Cobalt	9.3	5.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7V31AU
		Dilution Factor: 1			Analysis Time...: 18:38		Analyst ID.....: 0031199
		Instrument ID...: M01			MS Run #.....: 1004149		MDL.....: 0.10
Copper	14.0	2.5	mg/kg		SW846 6010B	01/04-01/05/01	DR7V31AV
		Dilution Factor: 1			Analysis Time...: 18:38		Analyst ID.....: 0031199
		Instrument ID...: M01			MS Run #.....: 1004149		MDL.....: 0.40
Molybdenum	1.0 B	4.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7V31AW
		Dilution Factor: 1			Analysis Time...: 18:38		Analyst ID.....: 0031199
		Instrument ID...: M01			MS Run #.....: 1004149		MDL.....: 0.30
Nickel	10.8	4.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7V31AX
		Dilution Factor: 1			Analysis Time...: 18:38		Analyst ID.....: 0031199
		Instrument ID...: M01			MS Run #.....: 1004149		MDL.....: 0.30
Thallium	0.87 B	1.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7V31A0
		Dilution Factor: 1			Analysis Time...: 18:38		Analyst ID.....: 0031199
		Instrument ID...: M01			MS Run #.....: 1004149		MDL.....: 0.50
Vanadium	32.8	5.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7V31AA
		Dilution Factor: 1			Analysis Time...: 18:38		Analyst ID.....: 0031199
		Instrument ID...: M01			MS Run #.....: 1004149		MDL.....: 0.10
Zinc	33.1	2.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7V31AC
		Dilution Factor: 1			Analysis Time...: 18:38		Analyst ID.....: 0031199
		Instrument ID...: M01			MS Run #.....: 1004149		MDL.....: 1.0

NOTE (S) :

B Estimated result. Result is less than RL.

000103

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_323_10

TOTAL Metals

Lot-Sample #....: E1A030216-019 Matrix.....: SOLID
 Date Sampled....: 01/03/01 14:35 Date Received...: 01/03/01 16:05

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #....: 1004289						
Mercury	ND	0.10	mg/kg	SW846 7471A	01/04-01/05/01	DR7V41AE
Dilution Factor: 1						
				Analysis Time...: 17:34	Analyst ID.....:	021088
				Instrument ID...: M04	MS Run #.....:	1004114
					MDL.....:	0.020
Prep Batch #....: 1004345						
Aluminum	21700	20.0	mg/kg	SW846 6010B	01/04-01/05/01	DR7V41AJ
		Dilution Factor: 1		Analysis Time...: 18:46	Analyst ID.....:	0031194
		Instrument ID...: M01		MS Run #.....:	1004149	MDL.....:
Arsenic	5.4	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR7V41AK
		Dilution Factor: 1		Analysis Time...: 18:46	Analyst ID.....:	0031199
		Instrument ID...: M01		MS Run #.....:	1004149	MDL.....:
Antimony	1.0 B	6.0	mg/kg	SW846 6010B	01/04-01/05/01	DR7V41AL
		Dilution Factor: 1		Analysis Time...: 18:46	Analyst ID.....:	0031199
		Instrument ID...: M01		MS Run #.....:	1004149	MDL.....:
Barium	259	2.0	mg/kg	SW846 6010B	01/04-01/05/01	DR7V41AM
		Dilution Factor: 1		Analysis Time...: 18:46	Analyst ID.....:	0031199
		Instrument ID...: M01		MS Run #.....:	1004149	MDL.....:
Cadmium	0.35 B	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR7V41AN
		Dilution Factor: 1		Analysis Time...: 18:46	Analyst ID.....:	0031199
		Instrument ID...: M01		MS Run #.....:	1004149	MDL.....:
Chromium	27.2	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR7V41AP
		Dilution Factor: 1		Analysis Time...: 18:46	Analyst ID.....:	0031199
		Instrument ID...: M01		MS Run #.....:	1004149	MDL.....:
Beryllium	0.64	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR7V41AQ
		Dilution Factor: 1		Analysis Time...: 18:46	Analyst ID.....:	0031199
		Instrument ID...: M01		MS Run #.....:	1004149	MDL.....:
Lead	4.8	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR7V41AR
		Dilution Factor: 1		Analysis Time...: 18:46	Analyst ID.....:	0031199
		Instrument ID...: M01		MS Run #.....:	1004149	MDL.....:

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000104

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_323_10

TOTAL Metals

Lot-Sample #....: E1A030216-019

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS				
Selenium	ND	0.50	mg/kg		SW846 6010B	01/04-01/05/01	DR7V41AT
		Dilution Factor: 1			Analysis Time...: 18:46		Analyst ID.....: 0031199
		Instrument ID...: M01			MS Run #.....: 1004149		MDL.....: 0.40
Silver	ND	1.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7V41AU
		Dilution Factor: 1			Analysis Time...: 18:46		Analyst ID.....: 0031199
		Instrument ID...: M01			MS Run #.....: 1004149		MDL.....: 0.10
Cobalt	11.9	5.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7V41AV
		Dilution Factor: 1			Analysis Time...: 18:46		Analyst ID.....: 0031199
		Instrument ID...: M01			MS Run #.....: 1004149		MDL.....: 0.10
Copper	27.6	2.5	mg/kg		SW846 6010B	01/04-01/05/01	DR7V41AW
		Dilution Factor: 1			Analysis Time...: 18:46		Analyst ID.....: 0031199
		Instrument ID...: M01			MS Run #.....: 1004149		MDL.....: 0.40
Molybdenum	1.7 B	4.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7V41AX
		Dilution Factor: 1			Analysis Time...: 18:46		Analyst ID.....: 0031199
		Instrument ID...: M01			MS Run #.....: 1004149		MDL.....: 0.30
Nickel	23.5	4.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7V41AO
		Dilution Factor: 1			Analysis Time...: 18:46		Analyst ID.....: 0031199
		Instrument ID...: M01			MS Run #.....: 1004149		MDL.....: 0.30
Thallium	1.2	1.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7V41AA
		Dilution Factor: 1			Analysis Time...: 18:46		Analyst ID.....: 0031199
		Instrument ID...: M01			MS Run #.....: 1004149		MDL.....: 0.50
Vanadium	61.6	5.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7V41AC
		Dilution Factor: 1			Analysis Time...: 18:46		Analyst ID.....: 0031199
		Instrument ID...: M01			MS Run #.....: 1004149		MDL.....: 0.10
Zinc	60.9	2.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7V41AD
		Dilution Factor: 1			Analysis Time...: 18:46		Analyst ID.....: 0031199
		Instrument ID...: M01			MS Run #.....: 1004149		MDL.....: 1.0

NOTE (S) :

B Estimated result. Result is less than RL.

000105

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_324_1

TOTAL Metals

Lot-Sample #....: E1A030216-020 Date Sampled....: 01/03/01 14:50 Date Received...: 01/03/01 16:05				Matrix.....: SOLID	
PARAMETER	RESULT	REPORTING LIMIT	UNITS	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #....: 1004289					
Mercury	0.057 B	0.10	mg/kg	SW846 7471A	01/04-01/05/01 DR7V61AE
		Dilution Factor: 1		Analysis Time...: 17:36	Analyst ID.....: 021088
		Instrument ID...: M04		MS Run #.....: 1004114	MDL.....: 0.020
Prep Batch #....: 1004345					
Arsenic	2.7	1.0	mg/kg	SW846 6010B	01/04-01/05/01 DR7V61AK
		Dilution Factor: 1		Analysis Time...: 18:54	Analyst ID.....: 0031194
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.40
Aluminum	12000	20.0	mg/kg	SW846 6010B	01/04-01/05/01 DR7V61AJ
		Dilution Factor: 1		Analysis Time...: 18:54	Analyst ID.....: 0031199
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 8.0
Antimony	0.24 B	6.0	mg/kg	SW846 6010B	01/04-01/05/01 DR7V61AL
		Dilution Factor: 1		Analysis Time...: 18:54	Analyst ID.....: 0031199
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.20
Barium	86.1	2.0	mg/kg	SW846 6010B	01/04-01/05/01 DR7V61AM
		Dilution Factor: 1		Analysis Time...: 18:54	Analyst ID.....: 0031199
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.10
Cadmium	0.34 B	0.50	mg/kg	SW846 6010B	01/04-01/05/01 DR7V61AN
		Dilution Factor: 1		Analysis Time...: 18:54	Analyst ID.....: 0031199
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.050
Chromium	15.3	1.0	mg/kg	SW846 6010B	01/04-01/05/01 DR7V61AP
		Dilution Factor: 1		Analysis Time...: 18:54	Analyst ID.....: 0031199
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.10
Beryllium	0.42 B	0.50	mg/kg	SW846 6010B	01/04-01/05/01 DR7V61AQ
		Dilution Factor: 1		Analysis Time...: 18:54	Analyst ID.....: 0031199
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.050
Lead	21.9	0.50	mg/kg	SW846 6010B	01/04-01/05/01 DR7V61AR
		Dilution Factor: 1		Analysis Time...: 18:54	Analyst ID.....: 0031199
		Instrument ID...: M01		MS Run #.....: 1004149	MDL.....: 0.30

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000106

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_324_1

TOTAL Metals

Lot-Sample #....: E1A030216-020

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION-	WORK
		LIMIT	UNITS			ANALYSIS DATE	ORDER #
Selenium	ND	0.50	mg/kg		SW846 6010B	01/04-01/05/01	DR7V61AT
		Dilution Factor: 1			Analysis Time...: 18:54	Analyst ID.....: 0031199	
		Instrument ID...: M01			MS Run #.....: 1004149	MDL.....: 0.40	
Silver	ND	1.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7V61AU
		Dilution Factor: 1			Analysis Time...: 18:54	Analyst ID.....: 0031199	
		Instrument ID...: M01			MS Run #.....: 1004149	MDL.....: 0.10	
Cobalt	8.3	5.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7V61AV
		Dilution Factor: 1			Analysis Time...: 18:54	Analyst ID.....: 0031199	
		Instrument ID...: M01			MS Run #.....: 1004149	MDL.....: 0.10	
Copper	15.8	2.5	mg/kg		SW846 6010B	01/04-01/05/01	DR7V61AW
		Dilution Factor: 1			Analysis Time...: 18:54	Analyst ID.....: 0031199	
		Instrument ID...: M01			MS Run #.....: 1004149	MDL.....: 0.40	
Molybdenum	0.97 B	4.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7V61AX
		Dilution Factor: 1			Analysis Time...: 18:54	Analyst ID.....: 0031199	
		Instrument ID...: M01			MS Run #.....: 1004149	MDL.....: 0.30	
Nickel	10.1	4.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7V61AO
		Dilution Factor: 1			Analysis Time...: 18:54	Analyst ID.....: 0031199	
		Instrument ID...: M01			MS Run #.....: 1004149	MDL.....: 0.30	
Thallium	0.73 B	1.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7V61AA
		Dilution Factor: 1			Analysis Time...: 18:54	Analyst ID.....: 0031199	
		Instrument ID...: M01			MS Run #.....: 1004149	MDL.....: 0.50	
Vanadium	31.6	5.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7V61AC
		Dilution Factor: 1			Analysis Time...: 18:54	Analyst ID.....: 0031199	
		Instrument ID...: M01			MS Run #.....: 1004149	MDL.....: 0.10	
Zinc	60.4	2.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7V61AD
		Dilution Factor: 1			Analysis Time...: 18:54	Analyst ID.....: 0031199	
		Instrument ID...: M01			MS Run #.....: 1004149	MDL.....: 1.0	

NOTE (S) :

B Estimated result. Result is less than RL.

000107

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_324_5

TOTAL Metals

Lot-Sample #....:	E1A030216-021			Matrix.....:	SOLID
Date Sampled....:	01/03/01 15:00			Date Received...:	01/03/01 16:05
PARAMETER	RESULT	REPORTING LIMIT	UNITS	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #....:	1004289				
Mercury	0.025 B	0.10	mg/kg	SW846 7471A	01/04-01/05/01 DR7V71AE
		Dilution Factor: 1		Analysis Time...:	17:38 Analyst ID.....: 021088
		Instrument ID...:	M04	MS Run #.....:	1004114 MDL.....: 0.020
Prep Batch #....:	1004345				
Aluminum	17000	20.0	mg/kg	SW846 6010B	01/04-01/05/01 DR7V71AJ
		Dilution Factor: 1		Analysis Time...:	19:02 Analyst ID.....: 0031194
		Instrument ID...:	M01	MS Run #.....:	1004149 MDL.....: 8.0
Arsenic	3.4	1.0	mg/kg	SW846 6010B	01/04-01/05/01 DR7V71AK
		Dilution Factor: 1		Analysis Time...:	19:02 Analyst ID.....: 0031199
		Instrument ID...:	M01	MS Run #.....:	1004149 MDL.....: 0.40
Antimony	0.56 B	6.0	mg/kg	SW846 6010B	01/04-01/05/01 DR7V71AL
		Dilution Factor: 1		Analysis Time...:	19:02 Analyst ID.....: 0031199
		Instrument ID...:	M01	MS Run #.....:	1004149 MDL.....: 0.20
Barium	132	2.0	mg/kg	SW846 6010B	01/04-01/05/01 DR7V71AM
		Dilution Factor: 1		Analysis Time...:	19:02 Analyst ID.....: 0031199
		Instrument ID...:	M01	MS Run #.....:	1004149 MDL.....: 0.10
Cadmium	0.35 B	0.50	mg/kg	SW846 6010B	01/04-01/05/01 DR7V71AN
		Dilution Factor: 1		Analysis Time...:	19:02 Analyst ID.....: 0031199
		Instrument ID...:	M01	MS Run #.....:	1004149 MDL.....: 0.050
Chromium	19.4	1.0	mg/kg	SW846 6010B	01/04-01/05/01 DR7V71AP
		Dilution Factor: 1		Analysis Time...:	19:02 Analyst ID.....: 0031199
		Instrument ID...:	M01	MS Run #.....:	1004149 MDL.....: 0.10
Beryllium	0.49 B	0.50	mg/kg	SW846 6010B	01/04-01/05/01 DR7V71AQ
		Dilution Factor: 1		Analysis Time...:	19:02 Analyst ID.....: 0031199
		Instrument ID...:	M01	MS Run #.....:	1004149 MDL.....: 0.050
Lead	3.3	0.50	mg/kg	SW846 6010B	01/04-01/05/01 DR7V71AR
		Dilution Factor: 1		Analysis Time...:	19:02 Analyst ID.....: 0031199
		Instrument ID...:	M01	MS Run #.....:	1004149 MDL.....: 0.30

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000108

KENNEDY/JENKS CONSULTANTS

Client Sample ID: C_2_324_5

TOTAL Metals

Lot-Sample #....: E1A030216-021

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION-	WORK
		LIMIT	UNITS			ANALYSIS DATE	ORDER #
Selenium	ND	0.50	mg/kg		SW846 6010B	01/04-01/05/01	DR7V71AT
		Dilution Factor: 1			Analysis Time...: 19:02		Analyst ID.....: 0031199
		Instrument ID...: M01			MS Run #.....: 1004149		MDL.....: 0.40
Silver	ND	1.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7V71AU
		Dilution Factor: 1			Analysis Time...: 19:02		Analyst ID.....: 0031199
		Instrument ID...: M01			MS Run #.....: 1004149		MDL.....: 0.10
Cobalt	9.1	5.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7V71AV
		Dilution Factor: 1			Analysis Time...: 19:02		Analyst ID.....: 0031199
		Instrument ID...: M01			MS Run #.....: 1004149		MDL.....: 0.10
Copper	19.4	2.5	mg/kg		SW846 6010B	01/04-01/05/01	DR7V71AW
		Dilution Factor: 1			Analysis Time...: 19:02		Analyst ID.....: 0031199
		Instrument ID...: M01			MS Run #.....: 1004149		MDL.....: 0.40
Molybdenum	1.3 B	4.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7V71AX
		Dilution Factor: 1			Analysis Time...: 19:02		Analyst ID.....: 0031199
		Instrument ID...: M01			MS Run #.....: 1004149		MDL.....: 0.30
Nickel	14.5	4.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7V71AO
		Dilution Factor: 1			Analysis Time...: 19:02		Analyst ID.....: 0031199
		Instrument ID...: M01			MS Run #.....: 1004149		MDL.....: 0.30
Thallium	1.1	1.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7V71AA
		Dilution Factor: 1			Analysis Time...: 19:02		Analyst ID.....: 0031199
		Instrument ID...: M01			MS Run #.....: 1004149		MDL.....: 0.50
Vanadium	47.5	5.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7V71AC
		Dilution Factor: 1			Analysis Time...: 19:02		Analyst ID.....: 0031199
		Instrument ID...: M01			MS Run #.....: 1004149		MDL.....: 0.10
Zinc	60.1	2.0	mg/kg		SW846 6010B	01/04-01/05/01	DR7V71AD
		Dilution Factor: 1			Analysis Time...: 19:02		Analyst ID.....: 0031199
		Instrument ID...: M01			MS Run #.....: 1004149		MDL.....: 1.0

NOTE(S) :

B Estimated result. Result is less than RL.

000109

QC DATA ASSOCIATION SUMMARY

E1A030216

Sample Preparation and Analysis Control Numbers

<u>SAMPLE#</u>	<u>MATRIX</u>	<u>ANALYTICAL METHOD</u>	<u>LEACH BATCH #</u>	<u>PREP BATCH #</u>	<u>MS RUN#</u>
001	SOLID	SW846 8260B		1008279	1008114
002	SOLID	SW846 8260B		1008279	1008114
003	SOLID	SW846 8260B		1008279	1008114
004	SOLID	SW846 8260B		1008279	1008114
005	SOLID	SW846 8260B		1008279	1008114
006	SOLID	SW846 7471A		1004289	1004114
	SOLID	SW846 8260B		1008279	1008114
	SOLID	SW846 6010B		1004345	1004149
007	SOLID	SW846 7471A		1004289	1004114
	SOLID	SW846 8260B		1008279	1008114
	SOLID	SW846 6010B		1004349	1004151
008	SOLID	SW846 7471A		1004289	1004114
	SOLID	SW846 8260B		1008374	1008181
	SOLID	SW846 6010B		1004349	1004151
009	SOLID	SW846 8015B		1004472	1004208
	SOLID	SW846 8015B		1005336	1005143
	SOLID	SW846 7471A		1004289	1004114
	SOLID	SW846 8260B		1008374	1008181
	SOLID	SW846 6010B		1004349	1004151
010	SOLID	SW846 8015B		1004472	1004208
	SOLID	SW846 8015B		1005336	1005143
	SOLID	SW846 8260B		1008374	1008181
011	SOLID	SW846 8015B		1004472	1004208
	SOLID	SW846 8015B		1005336	1005143
	SOLID	SW846 8260B		1008374	1008181
012	SOLID	SW846 8015B		1004472	1004208
	SOLID	SW846 8015B		1005336	1005143
	SOLID	SW846 7471A		1004289	1004114
	SOLID	SW846 8260B		1008374	1008181
	SOLID	SW846 6010B		1004349	1004151

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QC DATA ASSOCIATION SUMMARY

E1A030216

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
013	SOLID	SW846 8015B		1004472	1004208
	SOLID	SW846 8015B		1005336	1005143
	SOLID	SW846 8260B		1008374	1008181
014	SOLID	SW846 8015B		1004472	1004208
	SOLID	SW846 8015B		1005336	1005143
	SOLID	SW846 8260B		1008374	1008181
015	SOLID	SW846 8015B		1004472	1004208
	SOLID	SW846 8015B		1005336	1005143
	SOLID	SW846 7471A		1004287	1004109
	SOLID	SW846 8260B		1009200	1009071
	SOLID	SW846 6010B		1004345	1004149
016	SOLID	SW846 8015B		1004472	1004208
	SOLID	SW846 8015B		1005337	1005145
	SOLID	SW846 7471A		1004287	1004109
	SOLID	SW846 8260B		1008374	1008181
	SOLID	SW846 6010B		1004345	1004149
017	SOLID	SW846 8015B		1004472	1004208
	SOLID	SW846 8015B		1005336	1005143
	SOLID	SW846 7471A		1004287	1004109
	SOLID	SW846 8260B		1008374	1008181
	SOLID	SW846 6010B		1004345	1004149
018	SOLID	SW846 8015B		1004472	1004208
	SOLID	SW846 8015B		1005336	1005143
	SOLID	SW846 7471A		1004287	1004109
	SOLID	SW846 8260B		1008374	1008181
	SOLID	SW846 6010B		1004345	1004149
019	SOLID	SW846 8015B		1004472	1004208
	SOLID	SW846 8015B		1005336	1005143
	SOLID	SW846 7471A		1004289	1004114
	SOLID	SW846 8260B		1008374	1008181
	SOLID	SW846 6010B		1004345	1004149
020	SOLID	SW846 8015B		1004472	1004208
	SOLID	SW846 8015B		1005336	1005143
	SOLID	SW846 7471A		1004289	1004114
	SOLID	SW846 8260B		1008374	1008181
	SOLID	SW846 6010B		1004345	1004149

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000111

QC DATA ASSOCIATION SUMMARY

E1A030216

Sample Preparation and Analysis Control Numbers

<u>SAMPLE#</u>	<u>MATRIX</u>	<u>ANALYTICAL METHOD</u>	<u>LEACH BATCH #</u>	<u>PREP BATCH #</u>	<u>MS RUN#</u>
021	SOLID	SW846 8015B		1004472	1004208
	SOLID	SW846 8015B		1005336	1005143
	SOLID	SW846 7471A		1004289	1004114
	SOLID	SW846 8260B		1009200	1009071
	SOLID	SW846 6010B		1004345	1004149
022	WATER	SW846 8260B		1004348	1004152
023	WATER	SW846 8260B		1004348	1004152

000112

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #....: E1A030216
MB Lot-Sample #: E1A040000-348
Analysis Date...: 01/03/01
Dilution Factor: 1

Work Order #....: DR8M21AA
Prep Date.....: 01/03/01
Prep Batch #: 1004348
Analyst ID.....: 004648

Matrix.....: WATER
Analysis Time..: 21:29
Instrument ID..: MSC

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	1.0	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromobenzene	ND	1.0	ug/L	SW846 8260B
Bromochloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	2.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	0.50	ug/L	SW846 8260B
2-Butanone	ND	5.0	ug/L	SW846 8260B
n-Butylbenzene	ND	1.0	ug/L	SW846 8260B
sec-Butylbenzene	ND	1.0	ug/L	SW846 8260B
tert-Butylbenzene	ND	1.0	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	0.50	ug/L	SW846 8260B
Chloroethane	ND	2.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	2.0	ug/L	SW846 8260B
2-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
4-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
Iodomethane	ND	2.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	0.50	ug/L	SW846 8260B
2,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
p-Isopropyltoluene	ND	1.0	ug/L	SW846 8260B

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000113

METHOD BLANK REPORT**GC/MS Volatiles**

Client Lot #....: E1A030216

Work Order #....: DR8M21AA

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>
Methylene chloride	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	1.0	ug/L	SW846 8260B
n-Propylbenzene	ND	1.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trichloro- benzene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	2.0	ug/L	SW846 8260B
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichlorotrifluoro- ethane	ND	1.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	1.0	ug/L	SW846 8260B
Acrolein	ND	20	ug/L	SW846 8260B
Acrylonitrile	ND	20	ug/L	SW846 8260B
Vinyl acetate	ND	5.0	ug/L	SW846 8260B
Tetrahydrofuran	ND	10	ug/L	SW846 8260B
2-Chloroethyl vinyl ether	ND	5.0	ug/L	SW846 8260B
<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>		
Bromofluorobenzene	106	(75 - 120)		
1,2-Dichloroethane-d4	112	(65 - 130)		
Toluene-d8	109	(80 - 130)		

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

000114

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #....: E1A030216
MB Lot-Sample #: E1A040000-472
Analysis Date...: 01/09/01
Dilution Factor: 1

Work Order #....: DR86T1AA
Prep Date.....: 01/04/01
Prep Batch #....: 1004472
Analyst ID.....: 356074

Matrix.....: SOLID
Analysis Time..: 17:49
Instrument ID..: G03

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
C8-C9	ND	10	mg/kg	SW846 8015B
C10-C11	ND	10	mg/kg	SW846 8015B
C12-C13	ND	10	mg/kg	SW846 8015B
C14-C15	ND	10	mg/kg	SW846 8015B
C16-C17	ND	10	mg/kg	SW846 8015B
C18-C19	ND	10	mg/kg	SW846 8015B
C20-C23	ND	10	mg/kg	SW846 8015B
C24-C27	ND	10	mg/kg	SW846 8015B
C28-C31	ND	10	mg/kg	SW846 8015B
C32-C35	ND	10	mg/kg	SW846 8015B
C36-C39	ND	10	mg/kg	SW846 8015B
C40+	ND	10	mg/kg	SW846 8015B
Total Carbon Chain Range	ND	10	mg/kg	SW846 8015B

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Benzo (a) pyrene	82	(60 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

000115

METHOD BLANK REPORT

GC Volatiles

Client Lot #....: E1A030216
MB Lot-Sample #: E1A050000-336
Analysis Date...: 01/04/01
Dilution Factor: 1

Work Order #....: DTATA1AA
Prep Date.....: 01/04/01
Prep Batch #....: 1005336
Analyst ID.....: 001464

Matrix.....: SOLID
Analysis Time...: 11:57
Instrument ID..: G16

PARAMETER	REPORTING			METHOD
	RESULT	LIMIT	UNITS	
C6-C8	ND	1.0	mg/kg	SW846 8015B
SURROGATE	PERCENT	RECOVERY	LIMITS	
a,a,a-Trifluorotoluene (TFT)	RECOVERY	79	(60 - 130)	

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

000116

METHOD BLANK REPORT

GC Volatiles

Client Lot #....: E1A030216
MB Lot-Sample #: E1A050000-337
Analysis Date...: 01/05/01
Dilution Factor: 1

Work Order #....: DTATF1AA
Prep Date.....: 01/05/01
Prep Batch #....: 1005337
Analyst ID.....: 001464

Matrix.....: SOLID
Analysis Time..: 00:46
Instrument ID..: G16

PARAMETER	REPORTING			METHOD
	RESULT	LIMIT	UNITS	
C6-C8	ND	1.0	mg/kg	SW846 8015B
SURROGATE	PERCENT	RECOVERY		
a,a,a-Trifluorotoluene (TFT)	RECOVERY	LIMITS		
	77	(60 - 130)		

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

000117

BOE-C6-0144867

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #....: E1A030216
MB Lot-Sample #: E1A080000-279

Analysis Date...: 01/05/01
Dilution Factor: 1

Work Order #....: DTDDM1AA
Prep Date.....: 01/05/01
Prep Batch #: 1008279

Matrix.....: SOLID
Analysis Time..: 22:48
Instrument ID..: MSG

Analyst ID.....: 999998

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Dichlorodifluoromethane	ND	10	ug/kg	SW846 8260B
Chloromethane	ND	10	ug/kg	SW846 8260B
Vinyl chloride	ND	10	ug/kg	SW846 8260B
Bromomethane	ND	10	ug/kg	SW846 8260B
Chloroethane	ND	10	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	10	ug/kg	SW846 8260B
Acrolein	ND	100	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
Iodomethane	ND	10	ug/kg	SW846 8260B
Acetone	ND	25	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
Acrylonitrile	ND	50	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
Vinyl acetate	ND	10	ug/kg	SW846 8260B
2,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
2-Butanone	ND	25	ug/kg	SW846 8260B
Bromochloromethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Tetrahydrofuran	ND	20	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
2-Chloroethyl vinyl ether	ND	10	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	25	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	25	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B

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000118

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #....: E1A030216

Work Order #....: DTDDM1AA

Matrix.....: SOLID

<u>PARAMETER</u>	<u>RESULT</u>	REPORTING		
		<u>LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	5.0	ug/kg	SW846 8260B
Styrene	ND	10	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
p-Isopropyltoluene	ND	5.0	ug/kg	SW846 8260B
Bromobenzene	ND	5.0	ug/kg	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichloropropane	ND	5.0	ug/kg	SW846 8260B
n-Propylbenzene	ND	5.0	ug/kg	SW846 8260B
2-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
4-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
tert-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
sec-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
n-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	SW846 8260B
Hexachlorobutadiene	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	SW846 8260B
<u>SURROGATE</u>	<u>PERCENT</u>	RECOVERY		
		<u>RECOVERY</u>	<u>LIMITS</u>	
Bromofluorobenzene	105	(70 - 130)		
1,2-Dichloroethane-d4	92	(60 - 140)		
Toluene-d8	107	(70 - 130)		

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

000119

METHOD BLANK REPORT**GC/MS Volatiles**

Client Lot #....: E1A030216
 MB Lot-Sample #: E1A080000-374
 Analysis Date...: 01/07/01
 Dilution Factor: 1

Work Order #....: DTDJQ1AA
 Prep Date.....: 01/07/01
 Prep Batch #....: 1008374
 Analyst ID.....: 999998

Matrix.....: SOLID
Analysis Time..: 12:51
Instrument ID..: MSG

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Dichlorodifluoromethane	ND	10	ug/kg	SW846 8260B
Chloromethane	ND	10	ug/kg	SW846 8260B
Vinyl chloride	ND	10	ug/kg	SW846 8260B
Bromomethane	ND	10	ug/kg	SW846 8260B
Chloroethane	ND	10	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	10	ug/kg	SW846 8260B
Acrolein	ND	100	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
Iodomethane	ND	10	ug/kg	SW846 8260B
Acetone	ND	25	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
Acrylonitrile	ND	50	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
Vinyl acetate	ND	10	ug/kg	SW846 8260B
2,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
2-Butanone	ND	25	ug/kg	SW846 8260B
Bromochloromethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Tetrahydrofuran	ND	20	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
2-Chloroethyl vinyl ether	ND	10	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	25	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	25	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B

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000120

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #....: E1A030216

Work Order #....: DTDJQ1AA

Matrix.....: SOLID

<u>PARAMETER</u>	<u>RESULT</u>	REPORTING		
		<u>LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	5.0	ug/kg	SW846 8260B
Styrene	ND	10	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
p-Isopropyltoluene	ND	5.0	ug/kg	SW846 8260B
Bromobenzene	ND	5.0	ug/kg	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichloropropane	ND	5.0	ug/kg	SW846 8260B
n-Propylbenzene	ND	5.0	ug/kg	SW846 8260B
2-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
4-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
tert-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
sec-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
n-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	SW846 8260B
Hexachlorobutadiene	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	SW846 8260B
<u>SURROGATE</u>	<u>PERCENT</u>	RECOVERY		
		<u>RECOVERY</u>	<u>LIMITS</u>	
Bromofluorobenzene	122	(70 - 130)		
1,2-Dichloroethane-d4	92	(60 - 140)		
Toluene-d8	108	(70 - 130)		

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #....: E1A030216
 MB Lot-Sample #: E1A090000-200
 Analysis Date...: 01/08/01
 Dilution Factor: 1

Work Order #....: DTEAN1AA
 Prep Date.....: 01/08/01
 Prep Batch #....: 1009200
 Analyst ID.....: 999998

Matrix.....: SOLID
 Analysis Time..: 09:51
 Instrument ID..: MSG

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Dichlorodifluoromethane	ND	10	ug/kg	SW846 8260B
Chloromethane	ND	10	ug/kg	SW846 8260B
Vinyl chloride	ND	10	ug/kg	SW846 8260B
Bromomethane	ND	10	ug/kg	SW846 8260B
Chloroethane	ND	10	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	10	ug/kg	SW846 8260B
Acrolein	ND	100	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
Iodomethane	ND	10	ug/kg	SW846 8260B
Acetone	ND	25	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
Acrylonitrile	ND	50	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
Vinyl acetate	ND	10	ug/kg	SW846 8260B
2,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
2-Butanone	ND	25	ug/kg	SW846 8260B
Bromochloromethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Tetrahydrofuran	ND	20	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
2-Chloroethyl vinyl ether	ND	10	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	25	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	25	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B

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000122

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #....: E1A030216

Work Order #....: DTEAN1AA

Matrix.....: SOLID

<u>PARAMETER</u>	<u>RESULT</u>	REPORTING		
		<u>LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	5.0	ug/kg	SW846 8260B
Styrene	ND	10	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
p-Isopropyltoluene	ND	5.0	ug/kg	SW846 8260B
Bromobenzene	ND	5.0	ug/kg	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichloropropane	ND	5.0	ug/kg	SW846 8260B
n-Propylbenzene	ND	5.0	ug/kg	SW846 8260B
2-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
4-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
tert-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
sec-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
n-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	SW846 8260B
Hexachlorobutadiene	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	SW846 8260B
<u>SURROGATE</u>	<u>PERCENT</u>	RECOVERY		
		<u>RECOVERY</u>	<u>LIMITS</u>	
Bromofluorobenzene	110	(70 - 130)		
1,2-Dichloroethane-d4	105	(60 - 140)		
Toluene-d8	104	(70 - 130)		

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

000123

METHOD BLANK REPORT

TOTAL Metals

Client Lot #....: E1A030216

Matrix.....: SOLID

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
MB Lot-Sample #: E1A040000-287 Prep Batch #....: 1004287						
Mercury	ND	0.10	mg/kg	SW846 7471A	01/04-01/05/01	DR8F91AA
Dilution Factor: 1						
				Analysis Time...: 16:24	Analyst ID.....: 021088	Instrument ID...: M04
MB Lot-Sample #: E1A040000-289 Prep Batch #....: 1004289						
Mercury	ND	0.10	mg/kg	SW846 7471A	01/04-01/05/01	DR8GN1AA
Dilution Factor: 1						
				Analysis Time...: 17:13	Analyst ID.....: 021088	Instrument ID...: M04
MB Lot-Sample #: E1A040000-345 Prep Batch #....: 1004345						
Aluminum	ND	20.0	mg/kg	SW846 6010B	01/04-01/05/01	DR8L71AA
Dilution Factor: 1						
				Analysis Time...: 15:34	Analyst ID.....: 003119	Instrument ID...: M01
Arsenic	ND	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR8L71AC
Dilution Factor: 1						
				Analysis Time...: 15:34	Analyst ID.....: 003119	Instrument ID...: M01
Antimony	0.25 B	6.0	mg/kg	SW846 6010B	01/04-01/05/01	DR8L71AD
Dilution Factor: 1						
				Analysis Time...: 15:34	Analyst ID.....: 003119	Instrument ID...: M01
Barium	ND	2.0	mg/kg	SW846 6010B	01/04-01/05/01	DR8L71AE
Dilution Factor: 1						
				Analysis Time...: 15:34	Analyst ID.....: 003119	Instrument ID...: M01
Cadmium	ND	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR8L71AF
Dilution Factor: 1						
				Analysis Time...: 15:34	Analyst ID.....: 003119	Instrument ID...: M01
Chromium	0.22 B	1.0	mg/kg	SW846 6010B	01/04-01/05/01	DR8L71AG
Dilution Factor: 1						
				Analysis Time...: 15:34	Analyst ID.....: 003119	Instrument ID...: M01
Beryllium	ND	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR8L71AH
Dilution Factor: 1						
				Analysis Time...: 15:34	Analyst ID.....: 003119	Instrument ID...: M01
Lead	ND	0.50	mg/kg	SW846 6010B	01/04-01/05/01	DR8L71AJ
Dilution Factor: 1						
				Analysis Time...: 15:34	Analyst ID.....: 003119	Instrument ID...: M01

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000124

METHOD BLANK REPORT

TOTAL Metals

Client Lot #....: E1A030216

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION-	WORK
		LIMIT	UNITS	ANALYSIS DATE			
Selenium	ND	0.50	mg/kg	SW846 6010B		01/04-01/05/01	DR8L71AK
		Dilution Factor: 1					
		Analysis Time...: 15:34		Analyst ID.....: 003119		Instrument ID...: M01	
Silver	ND	1.0	mg/kg	SW846 6010B		01/04-01/05/01	DR8L71AL
		Dilution Factor: 1					
		Analysis Time...: 15:34		Analyst ID.....: 003119		Instrument ID...: M01	
Cobalt	ND	5.0	mg/kg	SW846 6010B		01/04-01/05/01	DR8L71AM
		Dilution Factor: 1					
		Analysis Time...: 15:34		Analyst ID.....: 003119		Instrument ID...: M01	
Copper	ND	2.5	mg/kg	SW846 6010B		01/04-01/05/01	DR8L71AN
		Dilution Factor: 1					
		Analysis Time...: 15:34		Analyst ID.....: 003119		Instrument ID...: M01	
Molybdenum	ND	4.0	mg/kg	SW846 6010B		01/04-01/05/01	DR8L71AP
		Dilution Factor: 1					
		Analysis Time...: 15:34		Analyst ID.....: 003119		Instrument ID...: M01	
Nickel	ND	4.0	mg/kg	SW846 6010B		01/04-01/05/01	DR8L71AQ
		Dilution Factor: 1					
		Analysis Time...: 15:34		Analyst ID.....: 003119		Instrument ID...: M01	
Thallium	ND	1.0	mg/kg	SW846 6010B		01/04-01/05/01	DR8L71AR
		Dilution Factor: 1					
		Analysis Time...: 15:34		Analyst ID.....: 003119		Instrument ID...: M01	
Vanadium	ND	5.0	mg/kg	SW846 6010B		01/04-01/05/01	DR8L71AT
		Dilution Factor: 1					
		Analysis Time...: 15:34		Analyst ID.....: 003119		Instrument ID...: M01	
Zinc	ND	2.0	mg/kg	SW846 6010B		01/04-01/05/01	DR8L71AU
		Dilution Factor: 1					
		Analysis Time...: 15:34		Analyst ID.....: 003119		Instrument ID...: M01	

MB Lot-Sample #:	E1A040000-349	Prep Batch #....:	1004349		
Aluminum	ND	20.0	mg/kg	SW846 6010B	01/04-01/05/01 DR8M81AA
		Dilution Factor: 1			
		Analysis Time...: 19:10		Analyst ID.....: 003119	Instrument ID...: M01
Arsenic	ND	1.0	mg/kg	SW846 6010B	01/04-01/05/01 DR8M81AC
		Dilution Factor: 1			
		Analysis Time...: 19:10		Analyst ID.....: 003119	Instrument ID...: M01

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000125

METHOD BLANK REPORT

TOTAL Metals

Client Lot #....: E1A030216

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS				
Antimony	ND	6.0	mg/kg		SW846 6010B	01/04-01/05/01	DR8M81AD
		Dilution Factor: 1					
		Analysis Time...: 19:10			Analyst ID.....: 003119	Instrument ID...: M01	
Barium	ND	2.0	mg/kg		SW846 6010B	01/04-01/05/01	DR8M81AE
		Dilution Factor: 1					
		Analysis Time...: 19:10			Analyst ID.....: 003119	Instrument ID...: M01	
Cadmium	ND	0.50	mg/kg		SW846 6010B	01/04-01/05/01	DR8M81AF
		Dilution Factor: 1					
		Analysis Time...: 19:10			Analyst ID.....: 003119	Instrument ID...: M01	
Chromium	0.14 B	1.0	mg/kg		SW846 6010B	01/04-01/05/01	DR8M81AG
		Dilution Factor: 1					
		Analysis Time...: 19:10			Analyst ID.....: 003119	Instrument ID...: M01	
Beryllium	ND	0.50	mg/kg		SW846 6010B	01/04-01/05/01	DR8M81AH
		Dilution Factor: 1					
		Analysis Time...: 19:10			Analyst ID.....: 003119	Instrument ID...: M01	
Lead	ND	0.50	mg/kg		SW846 6010B	01/04-01/05/01	DR8M81AJ
		Dilution Factor: 1					
		Analysis Time...: 19:10			Analyst ID.....: 003119	Instrument ID...: M01	
Selenium	ND	0.50	mg/kg		SW846 6010B	01/04-01/05/01	DR8M81AK
		Dilution Factor: 1					
		Analysis Time...: 19:10			Analyst ID.....: 003119	Instrument ID...: M01	
Silver	ND	1.0	mg/kg		SW846 6010B	01/04-01/05/01	DR8M81AL
		Dilution Factor: 1					
		Analysis Time...: 19:10			Analyst ID.....: 003119	Instrument ID...: M01	
Cobalt	ND	5.0	mg/kg		SW846 6010B	01/04-01/05/01	DR8M81AM
		Dilution Factor: 1					
		Analysis Time...: 19:10			Analyst ID.....: 003119	Instrument ID...: M01	
Copper	ND	2.5	mg/kg		SW846 6010B	01/04-01/05/01	DR8M81AN
		Dilution Factor: 1					
		Analysis Time...: 19:10			Analyst ID.....: 003119	Instrument ID...: M01	
Molybdenum	ND	4.0	mg/kg		SW846 6010B	01/04-01/05/01	DR8M81AP
		Dilution Factor: 1					
		Analysis Time...: 19:10			Analyst ID.....: 003119	Instrument ID...: M01	
Nickel	ND	4.0	mg/kg		SW846 6010B	01/04-01/05/01	DR8M81AQ
		Dilution Factor: 1					
		Analysis Time...: 19:10			Analyst ID.....: 003119	Instrument ID...: M01	

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000126

BOE-C6-0144876

METHOD BLANK REPORT

TOTAL Metals

Client Lot #....: E1A030216

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION-	WORK
		LIMIT	UNITS			ANALYSIS DATE	ORDER #
Thallium	ND	1.0	mg/kg		SW846 6010B	01/04-01/05/01	DR8M81AR
		Dilution Factor: 1					
		Analysis Time...: 19:10			Analyst ID.....: 003119	Instrument ID...: M01	
Vanadium	ND	5.0	mg/kg		SW846 6010B	01/04-01/05/01	DR8M81AT
		Dilution Factor: 1					
		Analysis Time...: 19:10			Analyst ID.....: 003119	Instrument ID...: M01	
Zinc	ND	2.0	mg/kg		SW846 6010B	01/04-01/05/01	DR8M81AU
		Dilution Factor: 1					
		Analysis Time...: 19:10			Analyst ID.....: 003119	Instrument ID...: M01	

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

000127

BOE-C6-0144877

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #....: E1A030216 Work Order #....: DR8M21AC Matrix.....: WATER
 LCS Lot-Sample#: E1A040000-348
 Prep Date.....: 01/03/01 Analysis Date...: 01/03/01
 Prep Batch #....: 1004348 Analysis Time...: 20:59
 Dilution Factor: 1 Instrument ID...: MSC
 Analyst ID.....: 004648

<u>PARAMETER</u>	<u>SPIKE</u>	<u>MEASURED</u>	<u>PERCENT</u>		
	<u>AMOUNT</u>	<u>AMOUNT</u>	<u>UNITS</u>	<u>RECOVERY</u>	<u>METHOD</u>
Benzene	10.0	9.60	ug/L	96	SW846 8260B
1,1-Dichloroethene	10.0	11.1	ug/L	111	SW846 8260B
Chlorobenzene	10.0	9.61	ug/L	96	SW846 8260B
Toluene	10.0	9.65	ug/L	96	SW846 8260B
Trichloroethene	10.0	9.51	ug/L	95	SW846 8260B
<u>SURROGATE</u>		<u>PERCENT</u>	<u>RECOVERY</u>		
		<u>RECOVERY</u>	<u>LIMITS</u>		
Bromofluorobenzene		107	(75 - 120)		
1,2-Dichloroethane-d4		111	(65 - 130)		
Toluene-d8		113	(80 - 130)		

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000128

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #....: E1A030216 Work Order #....: DR86T1AC Matrix.....: SOLID
LCS Lot-Sample#: E1A040000-472
Prep Date.....: 01/04/01 Analysis Date...: 01/09/01
Prep Batch #....: 1004472 Analysis Time...: 18:27
Dilution Factor: 1 Instrument ID...: G03
Analyst ID.....: 356074

PARAMETER	SPIKE <u>AMOUNT</u>	MEASURED <u>AMOUNT</u>	PERCENT <u>UNITS</u>	PERCENT <u>RECOVERY</u>	METHOD
TPH (as Diesel)	250	185	mg/kg	74	SW846 8015B
SURROGATE		PERCENT <u>RECOVERY</u>		RECOVERY <u>LIMITS</u>	
Benzo(a)pyrene		83		(60 - 130)	

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000129

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #....: E1A030216 Work Order #....: DTATA1AC Matrix.....: SOLID
LCS Lot-Sample#: E1A050000-336
Prep Date.....: 01/04/01 Analysis Date...: 01/04/01
Prep Batch #:....: 1005336 Analysis Time...: 10:27
Dilution Factor: 1 Instrument ID...: G16
Analyst ID.....: 001464

<u>PARAMETER</u>	<u>SPIKE</u>	<u>MEASURED</u>	<u>PERCENT</u>	
	<u>AMOUNT</u>	<u>AMOUNT</u>	<u>UNITS</u>	<u>RECOVERY</u>
			mg/kg	85
<u>TPH (as Gasoline)</u>	5.00	4.23		SW846 8015B
<u>SURROGATE</u>			PERCENT	RECOVERY
a, a, a-Trifluorotoluene (TFT)			RECOVERY	LIMITS
		103		(60 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000130

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #....: E1A030216 **Work Order #....:** DTATF1AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1A050000-337
Prep Date.....: 01/05/01 **Analysis Date...:** 01/05/01
Prep Batch #....: 1005337 **Analysis Time...:** 00:17
Dilution Factor: 1 **Instrument ID...:** G16
Analyst ID.....: 001464

<u>PARAMETER</u>	<u>SPIKE</u>	<u>MEASURED</u>	<u>PERCENT</u>	<u>RECOVERY</u>	<u>METHOD</u>
	<u>AMOUNT</u>	<u>AMOUNT</u>	<u>UNITS</u>		
			<u>mg/kg</u>	<u>101</u>	<u>SW846 8015B</u>
<u>TPH (as Gasoline)</u>	5.00	5.03			
<u>SURROGATE</u>			<u>PERCENT</u>	<u>RECOVERY</u>	
a,a,a-Trifluorotoluene (TFT)			<u>RECOVERY</u>	<u>LIMITS</u>	
			108	(60 - 130)	

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000131

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #....: E1A030216 **Work Order #....:** DTDDM1AC **Matrix.....:** SOLID
LCS Lot-Sample#: E1A080000-279
Prep Date.....: 01/05/01 **Analysis Date...:** 01/05/01
Prep Batch #....: 1008279 **Analysis Time...:** 22:15
Dilution Factor: 1 **Instrument ID...:** MSG
Analyst ID.....: 999998

<u>PARAMETER</u>	<u>SPIKE</u>	<u>MEASURED</u>	<u>PERCENT</u>	
	<u>AMOUNT</u>	<u>AMOUNT</u>	<u>UNITS</u>	<u>RECOVERY</u>
1,1-Dichloroethene	50.0	61.2	ug/kg	122
Benzene	50.0	59.4	ug/kg	119
Trichloroethene	50.0	57.5	ug/kg	115
Toluene	50.0	54.7	ug/kg	109
Chlorobenzene	50.0	54.5	ug/kg	109

<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>
	<u>RECOVERY</u>	<u>LIMITS</u>
Bromofluorobenzene	105	(70 - 130)
1,2-Dichloroethane-d4	94	(60 - 140)
Toluene-d8	105	(70 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000132

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #....: E1A030216 Work Order #....: DTDJQ1AC Matrix.....: SOLID
 LCS Lot-Sample#: E1A080000-374
 Prep Date.....: 01/07/01 Analysis Date...: 01/07/01
 Prep Batch #:....: 1008374 Analysis Time...: 12:19
 Dilution Factor: 1 Instrument ID...: MSG
 Analyst ID.....: 999998

<u>PARAMETER</u>	<u>SPIKE</u>	<u>MEASURED</u>	<u>PERCENT</u>	
	<u>AMOUNT</u>	<u>AMOUNT</u>	<u>UNITS</u>	<u>RECOVERY</u>
1,1-Dichloroethene	50.0	60.0	ug/kg	120
Benzene	50.0	54.5	ug/kg	109
Trichloroethene	50.0	55.4	ug/kg	111
Toluene	50.0	50.5	ug/kg	101
Chlorobenzene	50.0	49.4	ug/kg	99

<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>
	<u>RECOVERY</u>	<u>LIMITS</u>
Bromofluorobenzene	112	(70 - 130)
1,2-Dichloroethane-d4	96	(60 - 140)
Toluene-d8	107	(70 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000133

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #....: E1A030216 Work Order #....: DTEAN1AC Matrix.....: SOLID
 LCS Lot-Sample#: E1A090000-200
 Prep Date.....: 01/08/01 Analysis Date...: 01/08/01
 Prep Batch #:....: 1009200 Analysis Time...: 09:12
 Dilution Factor: 1 Instrument ID...: MSG
 Analyst ID.....: 999998

<u>PARAMETER</u>	<u>SPIKE</u>	<u>MEASURED</u>	<u>UNITS</u>	<u>PERCENT</u>	<u>METHOD</u>
	<u>AMOUNT</u>	<u>AMOUNT</u>		<u>RECOVERY</u>	
1,1-Dichloroethene	50.0	53.9	ug/kg	108	SW846 8260B
Benzene	50.0	50.2	ug/kg	100	SW846 8260B
Trichloroethene	50.0	50.5	ug/kg	101	SW846 8260B
Toluene	50.0	46.8	ug/kg	94	SW846 8260B
Chlorobenzene	50.0	46.3	ug/kg	93	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>
	<u>RECOVERY</u>	<u>LIMITS</u>
Bromofluorobenzene	108	(70 - 130)
1,2-Dichloroethane-d4	104	(60 - 140)
Toluene-d8	103	(70 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000134

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #....: E1A030216

Matrix.....: SOLID

<u>PARAMETER</u>	<u>SPIKE AMOUNT</u>	<u>MEASURED AMOUNT</u>	<u>UNITS</u>	<u>PERCNT RECVRY</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
LCS Lot-Sample#: E1A040000-287 Prep Batch #....: 1004287						
Mercury	0.833	0.783	mg/kg	94	SW846 7471A	01/04-01/05/01 DR8F91AC
Dilution Factor: 1						
Analysis Time...: 16:26 Analyst ID.....: 021088 Instrument ID...: M04						
LCS Lot-Sample#: E1A040000-289 Prep Batch #....: 1004289						
Mercury	0.833	0.772	mg/kg	93	SW846 7471A	01/04-01/05/01 DR8GN1AC
Dilution Factor: 1						
Analysis Time...: 17:15 Analyst ID.....: 021088 Instrument ID...: M04						
LCS Lot-Sample#: E1A040000-345 Prep Batch #....: 1004345						
Aluminum	200	200	mg/kg	100	SW846 6010B	01/04-01/05/01 DR8L71AV
Dilution Factor: 1						
Analysis Time...: 15:40 Analyst ID.....: 003119 Instrument ID...: M01						
Arsenic	200	195	mg/kg	97	SW846 6010B	01/04-01/05/01 DR8L71AW
Dilution Factor: 1						
Analysis Time...: 15:40 Analyst ID.....: 003119 Instrument ID...: M01						
Antimony	50.0	48.2	mg/kg	96	SW846 6010B	01/04-01/05/01 DR8L71AX
Dilution Factor: 1						
Analysis Time...: 15:40 Analyst ID.....: 003119 Instrument ID...: M01						
Barium	200	210	mg/kg	105	SW846 6010B	01/04-01/05/01 DR8L71A0
Dilution Factor: 1						
Analysis Time...: 15:40 Analyst ID.....: 003119 Instrument ID...: M01						
Cadmium	5.00	5.46	mg/kg	109	SW846 6010B	01/04-01/05/01 DR8L71A1
Dilution Factor: 1						
Analysis Time...: 15:40 Analyst ID.....: 003119 Instrument ID...: M01						
Chromium	20.0	21.9	mg/kg	109	SW846 6010B	01/04-01/05/01 DR8L71A2
Dilution Factor: 1						
Analysis Time...: 15:40 Analyst ID.....: 003119 Instrument ID...: M01						
Beryllium	5.00	5.18	mg/kg	104	SW846 6010B	01/04-01/05/01 DR8L71A3
Dilution Factor: 1						
Analysis Time...: 15:40 Analyst ID.....: 003119 Instrument ID...: M01						

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000135

BOE-C6-0144885

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #....: E1A030216

Matrix.....: SOLID

PARAMETER	SPIKE	MEASURED	UNITS	PERCNT	METHOD	PREPARATION-	WORK
	AMOUNT	AMOUNT		RECVRY		ANALYSIS DATE	ORDER #
Lead	50.0	53.3	mg/kg	107	SW846 6010B	01/04-01/05/01	DR8L71A4
			Dilution Factor: 1				
			Analysis Time...: 15:40		Analyst ID.....: 003119	Instrument ID...: M01	
Selenium	200	191	mg/kg	95	SW846 6010B	01/04-01/05/01	DR8L71A5
			Dilution Factor: 1				
			Analysis Time...: 15:40		Analyst ID.....: 003119	Instrument ID...: M01	
Silver	5.00	5.13	mg/kg	103	SW846 6010B	01/04-01/05/01	DR8L71A6
			Dilution Factor: 1				
			Analysis Time...: 15:40		Analyst ID.....: 003119	Instrument ID...: M01	
Cobalt	50.0	56.2	mg/kg	112	SW846 6010B	01/04-01/05/01	DR8L71A7
			Dilution Factor: 1				
			Analysis Time...: 15:40		Analyst ID.....: 003119	Instrument ID...: M01	
Copper	25.0	26.5	mg/kg	106	SW846 6010B	01/04-01/05/01	DR8L71A8
			Dilution Factor: 1				
			Analysis Time...: 15:40		Analyst ID.....: 003119	Instrument ID...: M01	
Molybdenum	100	102	mg/kg	102	SW846 6010B	01/04-01/05/01	DR8L71A9
			Dilution Factor: 1				
			Analysis Time...: 15:40		Analyst ID.....: 003119	Instrument ID...: M01	
Nickel	50.0	55.2	mg/kg	110	SW846 6010B	01/04-01/05/01	DR8L71CA
			Dilution Factor: 1				
			Analysis Time...: 15:40		Analyst ID.....: 003119	Instrument ID...: M01	
Thallium	200	211	mg/kg	105	SW846 6010B	01/04-01/05/01	DR8L71CC
			Dilution Factor: 1				
			Analysis Time...: 15:40		Analyst ID.....: 003119	Instrument ID...: M01	
Vanadium	50.0	52.3	mg/kg	105	SW846 6010B	01/04-01/05/01	DR8L71CD
			Dilution Factor: 1				
			Analysis Time...: 15:40		Analyst ID.....: 003119	Instrument ID...: M01	
Zinc	50.0	51.1	mg/kg	102	SW846 6010B	01/04-01/05/01	DR8L71CE
			Dilution Factor: 1				
			Analysis Time...: 15:40		Analyst ID.....: 003119	Instrument ID...: M01	

LCS Lot-Sample#: E1A040000-349 **Prep Batch #....:** 1004349

Aluminum	200	200	mg/kg	100	SW846 6010B	01/04-01/05/01	DR8M81AV
			Dilution Factor: 1				
			Analysis Time...: 19:15		Analyst ID.....: 003119	Instrument ID...: M01	

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000136

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #....: E1A030216

Matrix.....: SOLID

PARAMETER	SPIKE	MEASURED	UNITS	PERCNT	METHOD	PREPARATION-	WORK
	AMOUNT	AMOUNT		RECVRY		ANALYSIS DATE	ORDER #
Arsenic	200	196	mg/kg	98	SW846 6010B	01/04-01/05/01	DR8M81AW
			Dilution Factor: 1				
			Analysis Time...: 19:15		Analyst ID.....: 003119	Instrument ID...: M01	
Antimony	50.0	48.6	mg/kg	97	SW846 6010B	01/04-01/05/01	DR8M81AX
			Dilution Factor: 1				
			Analysis Time...: 19:15		Analyst ID.....: 003119	Instrument ID...: M01	
Barium	200	213	mg/kg	106	SW846 6010B	01/04-01/05/01	DR8M81A0
			Dilution Factor: 1				
			Analysis Time...: 19:15		Analyst ID.....: 003119	Instrument ID...: M01	
Cadmium	5.00	5.49	mg/kg	110	SW846 6010B	01/04-01/05/01	DR8M81A1
			Dilution Factor: 1				
			Analysis Time...: 19:15		Analyst ID.....: 003119	Instrument ID...: M01	
Chromium	20.0	22.2	mg/kg	111	SW846 6010B	01/04-01/05/01	DR8M81A2
			Dilution Factor: 1				
			Analysis Time...: 19:15		Analyst ID.....: 003119	Instrument ID...: M01	
Beryllium	5.00	5.28	mg/kg	106	SW846 6010B	01/04-01/05/01	DR8M81A3
			Dilution Factor: 1				
			Analysis Time...: 19:15		Analyst ID.....: 003119	Instrument ID...: M01	
Lead	50.0	53.7	mg/kg	107	SW846 6010B	01/04-01/05/01	DR8M81A4
			Dilution Factor: 1				
			Analysis Time...: 19:15		Analyst ID.....: 003119	Instrument ID...: M01	
Selenium	200	194	mg/kg	97	SW846 6010B	01/04-01/05/01	DR8M81A5
			Dilution Factor: 1				
			Analysis Time...: 19:15		Analyst ID.....: 003119	Instrument ID...: M01	
Silver	5.00	5.30	mg/kg	106	SW846 6010B	01/04-01/05/01	DR8M81A6
			Dilution Factor: 1				
			Analysis Time...: 19:15		Analyst ID.....: 003119	Instrument ID...: M01	
Cobalt	50.0	57.0	mg/kg	114	SW846 6010B	01/04-01/05/01	DR8M81A7
			Dilution Factor: 1				
			Analysis Time...: 19:15		Analyst ID.....: 003119	Instrument ID...: M01	
Copper	25.0	27.0	mg/kg	108	SW846 6010B	01/04-01/05/01	DR8M81A8
			Dilution Factor: 1				
			Analysis Time...: 19:15		Analyst ID.....: 003119	Instrument ID...: M01	

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #....: E1A030216

Matrix.....: SOLID

PARAMETER	SPIKE	MEASURED	UNITS	PERCNT	METHOD	PREPARATION-	WORK
	AMOUNT	AMOUNT		RECVRY		ANALYSIS DATE	ORDER #
Molybdenum	100	103	mg/kg	103	SW846 6010B	01/04-01/05/01	DR8M81A9
			Dilution Factor: 1				
			Analysis Time...: 19:15		Analyst ID.....: 003119	Instrument ID...: M01	
Nickel	50.0	55.9	mg/kg	112	SW846 6010B	01/04-01/05/01	DR8M81CA
			Dilution Factor: 1				
			Analysis Time...: 19:15		Analyst ID.....: 003119	Instrument ID...: M01	
Thallium	200	213	mg/kg	106	SW846 6010B	01/04-01/05/01	DR8M81CC
			Dilution Factor: 1				
			Analysis Time...: 19:15		Analyst ID.....: 003119	Instrument ID...: M01	
Vanadium	50.0	53.7	mg/kg	107	SW846 6010B	01/04-01/05/01	DR8M81CD
			Dilution Factor: 1				
			Analysis Time...: 19:15		Analyst ID.....: 003119	Instrument ID...: M01	
Zinc	50.0	52.2	mg/kg	104	SW846 6010B	01/04-01/05/01	DR8M81CE
			Dilution Factor: 1				
			Analysis Time...: 19:15		Analyst ID.....: 003119	Instrument ID...: M01	

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

000138

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #....: E1A030216 **Work Order #....:** DR8M21AC **Matrix.....:** WATER
LCS Lot-Sample#: E1A040000-348
Prep Date.....: 01/03/01 **Analysis Date...:** 01/03/01
Prep Batch #....: 1004348 **Analysis Time...:** 20:59
Dilution Factor: 1 **Instrument ID...:** MSC
Analyst ID.....: 004648

<u>PARAMETER</u>	<u>PERCENT</u>	<u>RECOVERY</u>	<u>METHOD</u>
Benzene	96	(75 - 120)	SW846 8260B
1,1-Dichloroethene	111	(70 - 130)	SW846 8260B
Chlorobenzene	96	(80 - 120)	SW846 8260B
Toluene	96	(80 - 120)	SW846 8260B
Trichloroethene	95	(75 - 130)	SW846 8260B
<u>SURROGATE</u>	<u>RECOVERY</u>	<u>PERCENT</u>	<u>RECOVERY</u>
Bromofluorobenzene		107	(75 - 120)
1,2-Dichloroethane-d4		111	(65 - 130)
Toluene-d8		113	(80 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000139

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #....: E1A030216 Work Order #....: DR86T1AC Matrix.....: SOLID
LCS Lot-Sample#: E1A040000-472
Prep Date.....: 01/04/01 Analysis Date...: 01/09/01
Prep Batch #:....: 1004472 Analysis Time...: 18:27
Dilution Factor: 1 Instrument ID...: G03
Analyst ID.....: 356074

PARAMETER	PERCENT <u>RECOVERY</u>	RECOVERY <u>LIMITS</u>	METHOD
TPH (as Diesel)	74	(60 - 130)	SW846 8015B
SURROGATE	PERCENT <u>RECOVERY</u>	RECOVERY <u>LIMITS</u>	
Benzo(a)pyrene	83	(60 - 130)	

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000140

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #....: E1A030216 Work Order #....: DTATA1AC Matrix.....: SOLID
LCS Lot-Sample#: E1A050000-336
Prep Date.....: 01/04/01 Analysis Date...: 01/04/01
Prep Batch #....: 1005336 Analysis Time...: 10:27
Dilution Factor: 1 Instrument ID...: G16
Analyst ID.....: 001464

PARAMETER	PERCENT <u>RECOVERY</u>	RECOVERY <u>LIMITS</u> (80 - 140)	METHOD
TPH (as Gasoline)	85		SW846 8015B
SURROGATE		PERCENT <u>RECOVERY</u>	RECOVERY <u>LIMITS</u>
a, a, a-Trifluorotoluene (TFT)		103	(60 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000141

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #....: E1A030216 Work Order #....: DTATF1AC Matrix.....: SOLID
LCS Lot-Sample#: E1A050000-337
Prep Date.....: 01/05/01 Analysis Date...: 01/05/01
Prep Batch #....: 1005337 Analysis Time...: 00:17
Dilution Factor: 1 Instrument ID...: G16
Analyst ID.....: 001464

PARAMETER	PERCENT <u>RECOVERY</u>	RECOVERY <u>LIMITS</u>	METHOD
TPH (as Gasoline)	101	(80 - 140)	SW846 8015B
SURROGATE	PERCENT <u>RECOVERY</u>	RECOVERY <u>LIMITS</u>	
a,a,a-Trifluorotoluene (TFT)	108	(60 - 130)	

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000142

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #....: E1A030216	Work Order #....: DTDDM1AC	Matrix.....: SOLID
LCS Lot-Sample#: E1A080000-279		
Prep Date.....: 01/05/01	Analysis Date...: 01/05/01	
Prep Batch #....: 1008279	Analysis Time...: 22:15	
Dilution Factor: 1	Instrument ID...: MSG	
Analyst ID.....: 999998		

<u>PARAMETER</u>	<u>PERCENT</u>	<u>RECOVERY</u>	<u>METHOD</u>
	<u>RECOVERY</u>	<u>LIMITS</u>	
1,1-Dichloroethene	122	(60 - 150)	SW846 8260B
Benzene	119	(70 - 140)	SW846 8260B
Trichloroethene	115	(70 - 130)	SW846 8260B
Toluene	109	(70 - 130)	SW846 8260B
Chlorobenzene	109	(70 - 130)	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>
	<u>RECOVERY</u>	<u>LIMITS</u>
Bromofluorobenzene	105	(70 - 130)
1,2-Dichloroethane-d4	94	(60 - 140)
Toluene-d8	105	(70 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000143

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #....: E1A030216 Work Order #....: DTDJQ1AC Matrix.....: SOLID
LCS Lot-Sample#: E1A080000-374
Prep Date.....: 01/07/01 Analysis Date...: 01/07/01
Prep Batch #:....: 1008374 Analysis Time...: 12:19
Dilution Factor: 1 Instrument ID...: MSG
Analyst ID.....: 999998

<u>PARAMETER</u>	<u>PERCENT</u>	<u>RECOVERY</u>	<u>METHOD</u>
1,1-Dichloroethene	120	(60 - 150)	SW846 8260B
Benzene	109	(70 - 140)	SW846 8260B
Trichloroethene	111	(70 - 130)	SW846 8260B
Toluene	101	(70 - 130)	SW846 8260B
Chlorobenzene	99	(70 - 130)	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>
Bromofluorobenzene	112	(70 - 130)
1,2-Dichloroethane-d4	96	(60 - 140)
Toluene-d8	107	(70 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000144

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #....: E1A030216 Work Order #....: DTEAN1AC Matrix.....: SOLID
 LCS Lot-Sample#: E1A090000-200
 Prep Date.....: 01/08/01 Analysis Date...: 01/08/01
 Prep Batch #:....: 1009200 Analysis Time...: 09:12
 Dilution Factor: 1 Instrument ID...: MSG
 Analyst ID.....: 999998

<u>PARAMETER</u>	<u>PERCENT</u>	<u>RECOVERY</u>	<u>METHOD</u>
	<u>RECOVERY</u>	<u>LIMITS</u>	
1,1-Dichloroethene	108	(60 - 150)	SW846 8260B
Benzene	100	(70 - 140)	SW846 8260B
Trichloroethene	101	(70 - 130)	SW846 8260B
Toluene	94	(70 - 130)	SW846 8260B
Chlorobenzene	93	(70 - 130)	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>	
	<u>RECOVERY</u>	<u>LIMITS</u>	
Bromofluorobenzene	108	(70 - 130)	
1,2-Dichloroethane-d4	104	(60 - 140)	
Toluene-d8	103	(70 - 130)	

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000145

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #....: E1A030216

Matrix.....: SOLID

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
LCS Lot-Sample#:	E1A040000-287	Prep Batch #....:	1004287		
Mercury	94	(85 - 115)	SW846 7471A	01/04-01/05/01	DR8F91AC
		Dilution Factor: 1			
		Analysis Time...: 16:26		Analyst ID.....: 021088	Instrument ID...: M04
LCS Lot-Sample#:	E1A040000-289	Prep Batch #....:	1004289		
Mercury	93	(85 - 115)	SW846 7471A	01/04-01/05/01	DR8GN1AC
		Dilution Factor: 1			
		Analysis Time...: 17:15		Analyst ID.....: 021088	Instrument ID...: M04
LCS Lot-Sample#:	E1A040000-345	Prep Batch #....:	1004345		
Aluminum	100	(80 - 120)	SW846 6010B	01/04-01/05/01	DR8L71AV
		Dilution Factor: 1			
		Analysis Time...: 15:40		Analyst ID.....: 003119	Instrument ID...: M01
Arsenic	97	(75 - 115)	SW846 6010B	01/04-01/05/01	DR8L71AW
		Dilution Factor: 1			
		Analysis Time...: 15:40		Analyst ID.....: 003119	Instrument ID...: M01
Antimony	96	(75 - 115)	SW846 6010B	01/04-01/05/01	DR8L71AX
		Dilution Factor: 1			
		Analysis Time...: 15:40		Analyst ID.....: 003119	Instrument ID...: M01
Barium	105	(80 - 120)	SW846 6010B	01/04-01/05/01	DR8L71A0
		Dilution Factor: 1			
		Analysis Time...: 15:40		Analyst ID.....: 003119	Instrument ID...: M01
Cadmium	109	(80 - 120)	SW846 6010B	01/04-01/05/01	DR8L71A1
		Dilution Factor: 1			
		Analysis Time...: 15:40		Analyst ID.....: 003119	Instrument ID...: M01
Chromium	109	(85 - 120)	SW846 6010B	01/04-01/05/01	DR8L71A2
		Dilution Factor: 1			
		Analysis Time...: 15:40		Analyst ID.....: 003119	Instrument ID...: M01
Beryllium	104	(80 - 120)	SW846 6010B	01/04-01/05/01	DR8L71A3
		Dilution Factor: 1			
		Analysis Time...: 15:40		Analyst ID.....: 003119	Instrument ID...: M01

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000146

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #....: E1A030216

Matrix.....: SOLID

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>	<u>PREPARATION-ANALYSIS DATE</u>	<u>WORK ORDER #</u>
Lead	107	(80 - 120)	SW846 6010B	01/04-01/05/01	DR8L71A4
		Dilution Factor: 1			
		Analysis Time...: 15:40	Analyst ID.....: 003119	Instrument ID...: M01	
Selenium	95	(70 - 115)	SW846 6010B	01/04-01/05/01	DR8L71A5
		Dilution Factor: 1			
		Analysis Time...: 15:40	Analyst ID.....: 003119	Instrument ID...: M01	
Silver	103	(80 - 120)	SW846 6010B	01/04-01/05/01	DR8L71A6
		Dilution Factor: 1			
		Analysis Time...: 15:40	Analyst ID.....: 003119	Instrument ID...: M01	
Cobalt	112	(80 - 120)	SW846 6010B	01/04-01/05/01	DR8L71A7
		Dilution Factor: 1			
		Analysis Time...: 15:40	Analyst ID.....: 003119	Instrument ID...: M01	
Copper	106	(80 - 120)	SW846 6010B	01/04-01/05/01	DR8L71A8
		Dilution Factor: 1			
		Analysis Time...: 15:40	Analyst ID.....: 003119	Instrument ID...: M01	
Molybdenum	102	(80 - 120)	SW846 6010B	01/04-01/05/01	DR8L71A9
		Dilution Factor: 1			
		Analysis Time...: 15:40	Analyst ID.....: 003119	Instrument ID...: M01	
Nickel	110	(80 - 120)	SW846 6010B	01/04-01/05/01	DR8L71CA
		Dilution Factor: 1			
		Analysis Time...: 15:40	Analyst ID.....: 003119	Instrument ID...: M01	
Thallium	105	(75 - 120)	SW846 6010B	01/04-01/05/01	DR8L71CC
		Dilution Factor: 1			
		Analysis Time...: 15:40	Analyst ID.....: 003119	Instrument ID...: M01	
Vanadium	105	(80 - 120)	SW846 6010B	01/04-01/05/01	DR8L71CD
		Dilution Factor: 1			
		Analysis Time...: 15:40	Analyst ID.....: 003119	Instrument ID...: M01	
Zinc	102	(80 - 120)	SW846 6010B	01/04-01/05/01	DR8L71CE
		Dilution Factor: 1			
		Analysis Time...: 15:40	Analyst ID.....: 003119	Instrument ID...: M01	
LCS Lot-Sample#:	E1A040000-349	Prep Batch #....:	1004349		
Aluminum	100	(80 - 120)	SW846 6010B	01/04-01/05/01	DR8M81AV
		Dilution Factor: 1			
		Analysis Time...: 19:15	Analyst ID.....: 003119	Instrument ID...: M01	

(Continued on next page)

000147

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #....: E1A030216

Matrix.....: SOLID

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>	<u>PREPARATION-ANALYSIS DATE</u>	<u>WORK ORDER #</u>
Arsenic	98	(75 - 115)	SW846 6010B	01/04-01/05/01	DR8M81AW
		Dilution Factor: 1			
		Analysis Time...: 19:15	Analyst ID.....: 003119	Instrument ID...: M01	
Antimony	97	(75 - 115)	SW846 6010B	01/04-01/05/01	DR8M81AX
		Dilution Factor: 1			
		Analysis Time...: 19:15	Analyst ID.....: 003119	Instrument ID...: M01	
Barium	106	(80 - 120)	SW846 6010B	01/04-01/05/01	DR8M81A0
		Dilution Factor: 1			
		Analysis Time...: 19:15	Analyst ID.....: 003119	Instrument ID...: M01	
Cadmium	110	(80 - 120)	SW846 6010B	01/04-01/05/01	DR8M81A1
		Dilution Factor: 1			
		Analysis Time...: 19:15	Analyst ID.....: 003119	Instrument ID...: M01	
Chromium	111	(85 - 120)	SW846 6010B	01/04-01/05/01	DR8M81A2
		Dilution Factor: 1			
		Analysis Time...: 19:15	Analyst ID.....: 003119	Instrument ID...: M01	
Beryllium	106	(80 - 120)	SW846 6010B	01/04-01/05/01	DR8M81A3
		Dilution Factor: 1			
		Analysis Time...: 19:15	Analyst ID.....: 003119	Instrument ID...: M01	
Lead	107	(80 - 120)	SW846 6010B	01/04-01/05/01	DR8M81A4
		Dilution Factor: 1			
		Analysis Time...: 19:15	Analyst ID.....: 003119	Instrument ID...: M01	
Selenium	97	(70 - 115)	SW846 6010B	01/04-01/05/01	DR8M81A5
		Dilution Factor: 1			
		Analysis Time...: 19:15	Analyst ID.....: 003119	Instrument ID...: M01	
Silver	106	(80 - 120)	SW846 6010B	01/04-01/05/01	DR8M81A6
		Dilution Factor: 1			
		Analysis Time...: 19:15	Analyst ID.....: 003119	Instrument ID...: M01	
Cobalt	114	(80 - 120)	SW846 6010B	01/04-01/05/01	DR8M81A7
		Dilution Factor: 1			
		Analysis Time...: 19:15	Analyst ID.....: 003119	Instrument ID...: M01	
Copper	108	(80 - 120)	SW846 6010B	01/04-01/05/01	DR8M81A8
		Dilution Factor: 1			
		Analysis Time...: 19:15	Analyst ID.....: 003119	Instrument ID...: M01	

(Continued on next page)

000148

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #....: E1A030216

Matrix.....: SOLID

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>	<u>PREPARATION-ANALYSIS DATE</u>	<u>WORK ORDER #</u>
Molybdenum	103	(80 - 120)	SW846 6010B	01/04-01/05/01	DR8M81A9
		Dilution Factor: 1			
		Analysis Time...: 19:15		Analyst ID.....: 003119	Instrument ID...: M01
Nickel	112	(80 - 120)	SW846 6010B	01/04-01/05/01	DR8M81CA
		Dilution Factor: 1			
		Analysis Time...: 19:15		Analyst ID.....: 003119	Instrument ID...: M01
Thallium	106	(75 - 120)	SW846 6010B	01/04-01/05/01	DR8M81CC
		Dilution Factor: 1			
		Analysis Time...: 19:15		Analyst ID.....: 003119	Instrument ID...: M01
Vanadium	107	(80 - 120)	SW846 6010B	01/04-01/05/01	DR8M81CD
		Dilution Factor: 1			
		Analysis Time...: 19:15		Analyst ID.....: 003119	Instrument ID...: M01
Zinc	104	(80 - 120)	SW846 6010B	01/04-01/05/01	DR8M81CE
		Dilution Factor: 1			
		Analysis Time...: 19:15		Analyst ID.....: 003119	Instrument ID...: M01

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

000149

MATRIX SPIKE SAMPLE DATA REPORT

GC Volatiles

Client Lot #....: E1A030216 **Work Order #....:** DR6NC1AE-MS **Matrix.....:** SOLID
MS Lot-Sample #: E1A020144-004 **DR6NC1AF-MSD**
Date Sampled....: 01/02/01 08:35 **Date Received...:** 01/02/01 16:30 **MS Run #.....:** 1005143
Prep Date.....: 01/04/01 **Analysis Date...:** 01/04/01
Prep Batch #....: 1005336 **Analysis Time...:** 18:07
Dilution Factor: 1 **Analyst ID.....:** 001464 **Instrument ID..:** G16

PARAMETER	SAMPLE	SPIKE	MEASRD	UNITS	PERCENT		METHOD
	AMOUNT	AMT	AMOUNT		RECOVERY	RPD	
TPH (as Gasoline)				mg/kg	95		SW846 8015B
	5.00	4.75		mg/kg	98	3.4	SW846 8015B
SURROGATE				PERCENT			
<i>a,a,a-Trifluorotoluene</i> (TFT)				<u>RECOVERY</u>		<u>LIMITS</u>	
				103		(60 - 130)	
				106		(60 - 130)	

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000150

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #....: E1A030216 **Work Order #....:** DR6N31A2-MS **Matrix.....:** SOLID
MS Lot-Sample #: E1A020144-021 **DR6N31A3-MSD**
Date Sampled....: 01/02/01 13:06 **Date Received...:** 01/02/01 16:30 **MS Run #.....:** 1008114
Prep Date.....: 01/05/01 **Analysis Date...:** 01/05/01
Prep Batch #....: 1008279 **Analysis Time...:** 23:53
Dilution Factor: 1 **Analyst ID.....:** 999998 **Instrument ID..:** MSG

PARAMETER	SAMPLE	SPIKE	MEASRD	PERCENT			
	AMOUNT	AMT	AMOUNT	UNITS	RECOVERY	RPD	METHOD
1,1-Dichloroethene	ND	50.0	56.8	ug/kg	114		SW846 8260B
	ND	50.0	49.0	ug/kg	98	15	SW846 8260B
Benzene	ND	50.0	56.6	ug/kg	113		SW846 8260B
	ND	50.0	51.9	ug/kg	104	8.7	SW846 8260B
Trichloroethene	ND	50.0	55.0	ug/kg	110		SW846 8260B
	ND	50.0	51.5	ug/kg	103	6.6	SW846 8260B
Toluene	ND	50.0	57.2	ug/kg	114		SW846 8260B
	ND	50.0	53.5	ug/kg	107	6.7	SW846 8260B
Chlorobenzene	ND	50.0	55.0	ug/kg	110		SW846 8260B
	ND	50.0	51.3	ug/kg	103	7.0	SW846 8260B

SURROGATE	SAMPLE	SPIKE	MEASRD	PERCENT		
	AMOUNT	AMT	AMOUNT	UNITS	RECOVERY	LIMITS
Bromofluorobenzene	ND	50.0	50.0	ug/kg	108	(70 - 130)
	ND	50.0	49.0	ug/kg	106	(70 - 130)
1,2-Dichloroethane-d4	ND	50.0	50.0	ug/kg	92	(60 - 140)
	ND	50.0	49.0	ug/kg	96	(60 - 140)
Toluene-d8	ND	50.0	50.0	ug/kg	110	(70 - 130)
	ND	50.0	49.0	ug/kg	107	(70 - 130)

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000151

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #....: E1A030216 Matrix.....: SOLID
Date Sampled...: 01/02/01 09:00 Date Received..: 01/02/01 17:00

PARAMETER	SAMPLE SPIKE MEASURED			PERCNT			PREPARATION-		WORK	
	AMOUNT	AMT	AMOUNT	UNITS	RECVRY	RPD	METHOD	ANALYSIS	DATE	ORDER #
MS Lot-Sample #:	E1A030129-001			Prep Batch #....:	1004287					
Mercury	ND	0.167	0.175	mg/kg	105		SW846 7471A	01/04-01/05/01	DR63Q1A1	
	ND	0.167	0.172	mg/kg	103	1.9	SW846 7471A	01/04-01/05/01	DR63Q1A2	
				Dilution Factor:	1					
				Analysis Time...:	16:29		Instrument ID...:	M04		Analyst ID.....: 021088
				MS Run #.....:	1004109					

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

000152

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #....: E1A030216

Matrix.....: SOLID

Date Sampled....: 01/02/01 09:10 **Date Received...:** 01/02/01 17:00

<u>PARAMETER</u>	<u>SAMPLE SPIKE MEASURED</u>			<u>PERCNT</u>			<u>PREPARATION-</u>	<u>WORK</u>
	<u>AMOUNT</u>	<u>AMT</u>	<u>AMOUNT</u>	<u>UNITS</u>	<u>RECVRY</u>	<u>RPD</u>	<u>METHOD</u>	<u>ANALYSIS DATE</u>
MS Lot-Sample #: E1A030129-002 Prep Batch #....: 1004345								
Aluminum								
23300	200	21900	NC	mg/kg			SW846 6010B	01/04-01/05/01 DR63X1A1
23300	200	23400	NC	mg/kg			SW846 6010B	01/04-01/05/01 DR63X1A2
				Dilution Factor:	1			
				Analysis Time...:	16:02	Instrument ID...:	M01	Analyst ID.....: 003119
				MS Run #.....:	1004149			
Arsenic								
3.9	200	184		mg/kg	90		SW846 6010B	01/04-01/05/01 DR63X1A3
3.9	200	182		mg/kg	89	0.96	SW846 6010B	01/04-01/05/01 DR63X1A4
				Dilution Factor:	1			
				Analysis Time...:	16:02	Instrument ID...:	M01	Analyst ID.....: 003119
				MS Run #.....:	1004149			
Antimony								
0.59	50.0	10.1	N	mg/kg	19		SW846 6010B	01/04-01/05/01 DR63X1A5
0.59	50.0	9.53	N	mg/kg	18	5.9	SW846 6010B	01/04-01/05/01 DR63X1A6
				Dilution Factor:	1			
				Analysis Time...:	16:02	Instrument ID...:	M01	Analyst ID.....: 003119
				MS Run #.....:	1004149			
Barium								
149	200	344		mg/kg	98		SW846 6010B	01/04-01/05/01 DR63X1A7
149	200	388		mg/kg	120	12	SW846 6010B	01/04-01/05/01 DR63X1A8
				Dilution Factor:	1			
				Analysis Time...:	16:02	Instrument ID...:	M01	Analyst ID.....: 003119
				MS Run #.....:	1004149			
Cadmium								
0.34	5.00	5.18		mg/kg	97		SW846 6010B	01/04-01/05/01 DR63X1A9
0.34	5.00	5.25		mg/kg	98	1.3	SW846 6010B	01/04-01/05/01 DR63X1CA
				Dilution Factor:	1			
				Analysis Time...:	16:02	Instrument ID...:	M01	Analyst ID.....: 003119
				MS Run #.....:	1004149			
Chromium								
24.8	20.0	42.1		mg/kg	86		SW846 6010B	01/04-01/05/01 DR63X1CC
24.8	20.0	43.4		mg/kg	93	3.1	SW846 6010B	01/04-01/05/01 DR63X1CD
				Dilution Factor:	1			
				Analysis Time...:	16:02	Instrument ID...:	M01	Analyst ID.....: 003119
				MS Run #.....:	1004149			

(Continued on next page)

000153

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #....: E1A030216

Matrix.....: SOLID

Date Sampled....: 01/02/01 09:10 **Date Received..:** 01/02/01 17:00

PARAMETER	SAMPLE	SPIKE	MEASURED	UNITS	PERCNT		METHOD	PREPARATION-	WORK				
	AMOUNT	AMT	AMOUNT		RECVRY	RPD							
Beryllium													
	0.68	5.00	5.53	mg/kg	97		SW846 6010B	01/04-01/05/01	DR63X1CE				
	0.68	5.00	5.51	mg/kg	97	0.39	SW846 6010B	01/04-01/05/01	DR63X1CF				
	Dilution Factor: 1												
	Analysis Time...: 16:02					Instrument ID...: M01		Analyst ID.....: 003119					
	MS Run #.....: 1004149												
Lead													
	4.9	50.0	52.3	mg/kg	95		SW846 6010B	01/04-01/05/01	DR63X1CG				
	4.9	50.0	51.6	mg/kg	93	1.4	SW846 6010B	01/04-01/05/01	DR63X1CH				
	Dilution Factor: 1												
	Analysis Time...: 16:02					Instrument ID...: M01		Analyst ID.....: 003119					
	MS Run #.....: 1004149												
Selenium													
	ND	200	179	mg/kg	89		SW846 6010B	01/04-01/05/01	DR63X1CJ				
	ND	200	176	mg/kg	88	1.6	SW846 6010B	01/04-01/05/01	DR63X1CK				
	Dilution Factor: 1												
	Analysis Time...: 16:02					Instrument ID...: M01		Analyst ID.....: 003119					
	MS Run #.....: 1004149												
Silver													
	ND	5.00	4.27	mg/kg	85		SW846 6010B	01/04-01/05/01	DR63X1CL				
	ND	5.00	4.15	mg/kg	83	2.7	SW846 6010B	01/04-01/05/01	DR63X1CM				
	Dilution Factor: 1												
	Analysis Time...: 16:02					Instrument ID...: M01		Analyst ID.....: 003119					
	MS Run #.....: 1004149												
Cobalt													
	14.2	50.0	64.1	mg/kg	100		SW846 6010B	01/04-01/05/01	DR63X1CN				
	14.2	50.0	67.2	mg/kg	106	4.7	SW846 6010B	01/04-01/05/01	DR63X1CP				
	Dilution Factor: 1												
	Analysis Time...: 16:02					Instrument ID...: M01		Analyst ID.....: 003119					
	MS Run #.....: 1004149												
Copper													
	23.4	25.0	45.1	mg/kg	87		SW846 6010B	01/04-01/05/01	DR63X1CQ				
	23.4	25.0	47.2	mg/kg	95	4.4	SW846 6010B	01/04-01/05/01	DR63X1CR				
	Dilution Factor: 1												
	Analysis Time...: 16:02					Instrument ID...: M01		Analyst ID.....: 003119					
	MS Run #.....: 1004149												
Molybdenum													
	1.5	100	88.3	mg/kg	87		SW846 6010B	01/04-01/05/01	DR63X1CT				
	1.5	100	88.4	mg/kg	87	0.10	SW846 6010B	01/04-01/05/01	DR63X1CU				
	Dilution Factor: 1												
	Analysis Time...: 16:02					Instrument ID...: M01		Analyst ID.....: 003119					
	MS Run #.....: 1004149												

000154

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #....: E1A030216

Matrix.....: SOLID

Date Sampled....: 01/02/01 09:10 **Date Received...:** 01/02/01 17:00

PARAMETER	SAMPLE	SPIKE	MEASURED	UNITS	PERCNT			METHOD	PREPARATION-	WORK
	AMOUNT	AMT	AMOUNT		RECVRY	RPD	ANALYSIS DATE		ORDER #	
Nickel										
	28.0	50.0	70.9	mg/kg	86		SW846 6010B	01/04-01/05/01	DR63X1CV	
	28.0	50.0	83.0	mg/kg	110	16	SW846 6010B	01/04-01/05/01	DR63X1CW	
	Dilution Factor: 1									
	Analysis Time...: 16:02 Instrument ID...: M01									
	MS Run #.....: 1004149									
Thallium										
	1.1	200	193	mg/kg	96		SW846 6010B	01/04-01/05/01	DR63X1CX	
	1.1	200	191	mg/kg	95	1.1	SW846 6010B	01/04-01/05/01	DR63X1C0	
	Dilution Factor: 1									
	Analysis Time...: 16:02 Instrument ID...: M01									
	MS Run #.....: 1004149									
Vanadium										
	55.3	50.0	98.7	mg/kg	87		SW846 6010B	01/04-01/05/01	DR63X1C1	
	55.3	50.0	101	mg/kg	91	2.3	SW846 6010B	01/04-01/05/01	DR63X1C2	
	Dilution Factor: 1									
	Analysis Time...: 16:02 Instrument ID...: M01									
	MS Run #.....: 1004149									
Zinc										
	64.1	50.0	106	mg/kg	84		SW846 6010B	01/04-01/05/01	DR63X1C3	
	64.1	50.0	108	mg/kg	87	1.6	SW846 6010B	01/04-01/05/01	DR63X1C4	
	Dilution Factor: 1									
	Analysis Time...: 16:02 Instrument ID...: M01									
	MS Run #.....: 1004149									

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

N Spiked analyte recovery is outside stated control limits.

000155

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #....: E1A030216 Matrix.....: SOLID
Date Sampled...: 01/03/01 09:50 Date Received..: 01/03/01 16:05

SAMPLE SPIKE MEASURED				PERCNT			PREPARATION-		WORK	
PARAMETER	AMOUNT	AMT	UNITS	RECVRY	RPD	METHOD	ANALYSIS DATE	ORDER #		
MS Lot-Sample #: E1A030216-006 Prep Batch #....: 1004289										
Mercury										
ND	0.167	0.168	mg/kg	101		SW846 7471A	01/04-01/05/01	DR7VJ1AX		
ND	0.167	0.172	mg/kg	103	2.0	SW846 7471A	01/04-01/05/01	DR7VJ1A0		
Dilution Factor: 1										
Analysis Time...: 17:23					Instrument ID...: M04			Analyst ID.....: 021088		
MS Run #.....: 1004114										

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

000156

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #....: E1A030216

Matrix.....: SOLID

Date Sampled....: 01/03/01 10:00 **Date Received...:** 01/03/01 16:05

PARAMETER	SAMPLE SPIKE MEASURED			PERCNT			PREPARATION-	WORK
	AMOUNT	AMT	AMOUNT	UNITS	RECVRY	RPD	METHOD	ANALYSIS DATE
MS Lot-Sample #: E1A030216-007 Prep Batch #....: 1004349								
Aluminum								
	29900	200	28700	NC mg/kg			SW846 6010B	01/04-01/05/01 DR7VN1AX
	29900	200	30500	NC mg/kg			SW846 6010B	01/04-01/05/01 DR7VN1AO
				Dilution Factor: 1				
				Analysis Time...: 19:39			Instrument ID...: M01	Analyst ID.....: 003119
				MS Run #.....: 1004151				
Arsenic								
	5.0	200	185	mg/kg	90		SW846 6010B	01/04-01/05/01 DR7VN1A1
	5.0	200	189	mg/kg	92	1.8	SW846 6010B	01/04-01/05/01 DR7VN1A2
				Dilution Factor: 1				
				Analysis Time...: 19:39			Instrument ID...: M01	Analyst ID.....: 003119
				MS Run #.....: 1004151				
Antimony								
	0.91	50.0	16.3	N mg/kg	31		SW846 6010B	01/04-01/05/01 DR7VN1A3
	0.91	50.0	18.5	N mg/kg	35	13	SW846 6010B	01/04-01/05/01 DR7VN1A4
				Dilution Factor: 1				
				Analysis Time...: 19:39			Instrument ID...: M01	Analyst ID.....: 003119
				MS Run #.....: 1004151				
Barium								
	155	200	336	mg/kg	90		SW846 6010B	01/04-01/05/01 DR7VN1A5
	155	200	350	mg/kg	97	4.1	SW846 6010B	01/04-01/05/01 DR7VN1A6
				Dilution Factor: 1				
				Analysis Time...: 19:39			Instrument ID...: M01	Analyst ID.....: 003119
				MS Run #.....: 1004151				
Cadmium								
	0.67	5.00	5.54	mg/kg	98		SW846 6010B	01/04-01/05/01 DR7VN1A7
	0.67	5.00	5.67	mg/kg	100	2.3	SW846 6010B	01/04-01/05/01 DR7VN1A8
				Dilution Factor: 1				
				Analysis Time...: 19:39			Instrument ID...: M01	Analyst ID.....: 003119
				MS Run #.....: 1004151				
Chromium								
	38.5	20.0	55.6	mg/kg	86		SW846 6010B	01/04-01/05/01 DR7VN1A9
	38.5	20.0	58.7	mg/kg	101	5.4	SW846 6010B	01/04-01/05/01 DR7VN1CA
				Dilution Factor: 1				
				Analysis Time...: 19:39			Instrument ID...: M01	Analyst ID.....: 003119
				MS Run #.....: 1004151				

(Continued on next page)

000157

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #....: E1A030216

Matrix.....: SOLID

Date Sampled....: 01/03/01 10:00 **Date Received...:** 01/03/01 16:05

PARAMETER	SAMPLE	SPIKE	MEASURED	UNITS	PERCNT		METHOD	PREPARATION-	WORK				
	AMOUNT	AMT	AMOUNT		RECVRY	RPD		ANALYSIS DATE	ORDER #				
Beryllium													
	0.88	5.00	5.80	mg/kg	98		SW846 6010B	01/04-01/05/01	DR7VN1CC				
	0.88	5.00	5.89	mg/kg	100	1.6	SW846 6010B	01/04-01/05/01	DR7VN1CD				
	Dilution Factor: 1												
	Analysis Time...: 19:39					Instrument ID...: M01		Analyst ID.....: 003119					
	MS Run #.....: 1004151												
Lead													
	7.0	50.0	53.8	mg/kg	94		SW846 6010B	01/04-01/05/01	DR7VN1CE				
	7.0	50.0	55.5	mg/kg	97	3.1	SW846 6010B	01/04-01/05/01	DR7VN1CF				
	Dilution Factor: 1												
	Analysis Time...: 19:39					Instrument ID...: M01		Analyst ID.....: 003119					
	MS Run #.....: 1004151												
Selenium													
	ND	200	178	mg/kg	89		SW846 6010B	01/04-01/05/01	DR7VN1CG				
	ND	200	182	mg/kg	91	2.2	SW846 6010B	01/04-01/05/01	DR7VN1CH				
	Dilution Factor: 1												
	Analysis Time...: 19:39					Instrument ID...: M01		Analyst ID.....: 003119					
	MS Run #.....: 1004151												
Silver													
	ND	5.00	4.73	mg/kg	95		SW846 6010B	01/04-01/05/01	DR7VN1CJ				
	ND	5.00	4.55	mg/kg	91	3.9	SW846 6010B	01/04-01/05/01	DR7VN1CK				
	Dilution Factor: 1												
	Analysis Time...: 19:39					Instrument ID...: M01		Analyst ID.....: 003119					
	MS Run #.....: 1004151												
Cobalt													
	14.0	50.0	63.8	mg/kg	100		SW846 6010B	01/04-01/05/01	DR7VN1CL				
	14.0	50.0	65.9	mg/kg	104	3.2	SW846 6010B	01/04-01/05/01	DR7VN1CM				
	Dilution Factor: 1												
	Analysis Time...: 19:39					Instrument ID...: M01		Analyst ID.....: 003119					
	MS Run #.....: 1004151												
Copper													
	32.4	25.0	56.3	mg/kg	96		SW846 6010B	01/04-01/05/01	DR7VN1CM				
	32.4	25.0	58.3	mg/kg	103	3.4	SW846 6010B	01/04-01/05/01	DR7VN1CP				
	Dilution Factor: 1												
	Analysis Time...: 19:39					Instrument ID...: M01		Analyst ID.....: 003119					
	MS Run #.....: 1004151												
Molybdenum													
	2.2	100	91.6	mg/kg	89		SW846 6010B	01/04-01/05/01	DR7VN1CQ				
	2.2	100	93.4	mg/kg	91	2.0	SW846 6010B	01/04-01/05/01	DR7VN1CR				
	Dilution Factor: 1												
	Analysis Time...: 19:39					Instrument ID...: M01		Analyst ID.....: 003119					
	MS Run #.....: 1004151												

000158

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #....: E1A030216

Matrix.....: SOLID

Date Sampled...: 01/03/01 10:00 **Date Received...:** 01/03/01 16:05

PARAMETER	SAMPLE	SPIKE	MEASURED	UNITS	PERCNT		METHOD	PREPARATION-	WORK
	AMOUNT	AMT	AMOUNT		RECVRY	RPD		ANALYSIS DATE	ORDER #
Nickel									
	26.7	50.0	74.5	mg/kg	96		SW846 6010B	01/04-01/05/01	DR7VN1CT
	26.7	50.0	78.6	mg/kg	104	5.4	SW846 6010B	01/04-01/05/01	DR7VN1CU
	Dilution Factor: 1								
	Analysis Time...: 19:39 Instrument ID...: M01								
	MS Run #.....: 1004151								
Thallium									
	1.8	200	193	mg/kg	96		SW846 6010B	01/04-01/05/01	DR7VN1CV
	1.8	200	197	mg/kg	97	1.9	SW846 6010B	01/04-01/05/01	DR7VN1CW
	Dilution Factor: 1								
	Analysis Time...: 19:39 Instrument ID...: M01								
	MS Run #.....: 1004151								
Vanadium									
	71.7	50.0	116	mg/kg	89		SW846 6010B	01/04-01/05/01	DR7VN1CX
	71.7	50.0	120	mg/kg	97	3.7	SW846 6010B	01/04-01/05/01	DR7VN1C0
	Dilution Factor: 1								
	Analysis Time...: 19:39 Instrument ID...: M01								
	MS Run #.....: 1004151								
Zinc									
	82.2	50.0	127	mg/kg	89		SW846 6010B	01/04-01/05/01	DR7VN1C1
	82.2	50.0	133	mg/kg	101	4.7	SW846 6010B	01/04-01/05/01	DR7VN1C2
	Dilution Factor: 1								
	Analysis Time...: 19:39 Instrument ID...: M01								
	MS Run #.....: 1004151								

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

N Spiked analyte recovery is outside stated control limits.

000159

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #....:	E1A030216	Work Order #....:	DR7VP1AX-MS	Matrix.....:	SOLID
MS Lot-Sample #:	E1A030216-008			DR7VP1A0-MSD	
Date Sampled....:	01/03/01 10:05	Date Received...:	01/03/01 16:05	MS Run #.....:	1008181
Prep Date.....:	01/07/01	Analysis Date...:	01/07/01		
Prep Batch #....:	1008374	Analysis Time...:	16:40		
Dilution Factor:	1	Analyst ID.....:	999998	Instrument ID..:	MSG

PARAMETER	SAMPLE	SPIKE	MEASRD	PERCENT			
	AMOUNT	AMT	AMOUNT	UNITS	RECOVERY	RPD	METHOD
1,1-Dichloroethene	ND	50.0	54.0	ug/kg	108		SW846 8260B
	ND	50.0	52.3	ug/kg	105	3.3	SW846 8260B
Benzene	ND	50.0	49.3	ug/kg	99		SW846 8260B
	ND	50.0	49.0	ug/kg	98	0.59	SW846 8260B
Trichloroethene	ND	50.0	53.5	ug/kg	107		SW846 8260B
	ND	50.0	52.5	ug/kg	105	1.9	SW846 8260B
Toluene	ND	50.0	49.9	ug/kg	100		SW846 8260B
	ND	50.0	49.0	ug/kg	98	1.9	SW846 8260B
Chlorobenzene	ND	50.0	49.6	ug/kg	99		SW846 8260B
	ND	50.0	48.6	ug/kg	97	2.0	SW846 8260B

SURROGATE	PERCENT		LIMITS
	RECOVERY	RECOVERY	
Bromofluorobenzene	107		(70 - 130)
	108		(70 - 130)
1,2-Dichloroethane-d4	107		(60 - 140)
	111		(60 - 140)
Toluene-d8	105		(70 - 130)
	105		(70 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000160

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #....: E1A030216 **Work Order #....:** DR7VQ1A1-MS **Matrix.....:** SOLID
MS Lot-Sample #: E1A030216-009 **DR7VQ1A2-MSD**
Date Sampled....: 01/03/01 10:35 **Date Received...:** 01/03/01 16:05 **MS Run #.....:** 1004208
Prep Date.....: 01/04/01 **Analysis Date...:** 01/09/01
Prep Batch #....: 1004472 **Analysis Time...:** 19:45
Dilution Factor: 1 **Analyst ID.....:** 356074 **Instrument ID..:** G03

PARAMETER	SAMPLE	SPIKE	MEASRD	PERCENT			METHOD
	AMOUNT	AMT	AMOUNT	UNITS	RECOVERY	RPD	
TPH (as Diesel)	250	149		mg/kg	60		SW846 8015B
	250	162		mg/kg	65	8.3	SW846 8015B
<hr/>							
SURROGATE	PERCENT			RECOVERY			
Benzo(a)pyrene	RECOVERY			<u>LIMITS</u>			
	78			(60 - 130)			
	87			(60 - 130)			

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000161

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #....: E1A030216 Work Order #....: DR7V01A1-MS Matrix.....: SOLID
 MS Lot-Sample #: E1A030216-015 DR7V01A2-MSD
 Date Sampled....: 01/03/01 13:20 Date Received...: 01/03/01 16:05 MS Run #.....: 1009071
 Prep Date.....: 01/08/01 Analysis Date...: 01/08/01
 Prep Batch #....: 1009200 Analysis Time...: 12:02
 Dilution Factor: 1 Analyst ID....: 999998 Instrument ID.: MSG

PARAMETER	SAMPLE	SPIKE	MEASRD	PERCENT			
	AMOUNT	AMT	AMOUNT	UNITS	RECOVERY	RPD	METHOD
1,1-Dichloroethene	ND	50.0	58.2	ug/kg	116		SW846 8260B
	ND	50.0	59.3	ug/kg	119	1.9	SW846 8260B
Benzene	ND	50.0	55.0	ug/kg	110		SW846 8260B
	ND	50.0	56.5	ug/kg	113	2.8	SW846 8260B
Trichloroethene	ND	50.0	55.9	ug/kg	112		SW846 8260B
	ND	50.0	57.1	ug/kg	114	2.0	SW846 8260B
Toluene	ND	50.0	52.3	ug/kg	105		SW846 8260B
	ND	50.0	51.3	ug/kg	103	1.9	SW846 8260B
Chlorobenzene	ND	50.0	50.1	ug/kg	100		SW846 8260B
	ND	50.0	51.8	ug/kg	104	3.4	SW846 8260B

SURROGATE	PERCENT		LIMITS
	RECOVERY		
Bromofluorobenzene	106		(70 - 130)
	111		(70 - 130)
1,2-Dichloroethane-d4	115		(60 - 140)
	116		(60 - 140)
Toluene-d8	108		(70 - 130)
	111		(70 - 130)

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000162

MATRIX SPIKE SAMPLE DATA REPORT

GC Volatiles

Client Lot #....: E1A030216 **Work Order #....:** DR7V11A1-MS **Matrix.....:** SOLID
MS Lot-Sample #: E1A030216-016 DR7V11A2-MSD
Date Sampled....: 01/03/01 13:47 **Date Received...:** 01/03/01 16:05 **MS Run #.....:** 1005145
Prep Date.....: 01/05/01 **Analysis Date...:** 01/05/01
Prep Batch #....: 1005337 **Analysis Time...:** 01:43
Dilution Factor: 1 **Analyst ID....:** 001464 **Instrument ID..:** G16

PARAMETER	SAMPLE	SPIKE	MEASRD	UNITS	PERCENT		
	AMOUNT	AMT	AMOUNT		RECOVERY	RPD	METHOD
TPH (as Gasoline)				mg/kg	96		SW846 8015B
	5.00	4.78			99	3.8	SW846 8015B
					PERCENT		
SURROGATE					RECOVERY		
a,a,a-Trifluorotoluene (TFT)					106		LIMITS
							(60 - 130)
			107				(60 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000163

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #....:	E1A030216	Work Order #....:	DR70N1AC-MS	Matrix.....:	WATER
MS Lot-Sample #:	E1A030220-002			DR70N1AD-MSD	
Date Sampled....:	01/03/01 08:30	Date Received...:	01/03/01 17:00	MS Run #.....:	1004152
Prep Date.....:	01/04/01	Analysis Date...:	01/04/01		
Prep Batch #....:	1004348	Analysis Time...:	06:45		
Dilution Factor:	1	Analyst ID.....:	004648	Instrument ID..:	MSC

PARAMETER	SAMPLE	SPIKE	MEASRD	PERCENT			
	AMOUNT	AMT	AMOUNT	UNITS	RECOVERY	RPD	METHOD
Benzene	ND	10.0	9.31	ug/L	93		SW846 8260B
	ND	10.0	9.77	ug/L	98	4.8	SW846 8260B
1,1-Dichloroethene	ND	10.0	10.4	ug/L	104		SW846 8260B
	ND	10.0	11.1	ug/L	111	6.7	SW846 8260B
Chlorobenzene	ND	10.0	9.30	ug/L	93		SW846 8260B
	ND	10.0	9.59	ug/L	96	3.1	SW846 8260B
Toluene	ND	10.0	9.04	ug/L	90		SW846 8260B
	ND	10.0	9.27	ug/L	93	2.5	SW846 8260B
Trichloroethene	ND	10.0	9.37	ug/L	94		SW846 8260B
	ND	10.0	9.82	ug/L	98	4.7	SW846 8260B

SURROGATE	PERCENT		LIMITS
	RECOVERY	LIMITS	
Bromofluorobenzene	108	(75 - 120)	
	110	(75 - 120)	
1,2-Dichloroethane-d4	126	(65 - 130)	
	130	(65 - 130)	
Toluene-d8	110	(80 - 130)	
	113	(80 - 130)	

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000164

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #....: E1A030216 **Work Order #....:** DR6NC1AE-MS **Matrix.....:** SOLID
MS Lot-Sample #: E1A020144-004 DR6NC1AF-MSD
Date Sampled....: 01/02/01 08:35 **Date Received...:** 01/02/01 16:30 **MS Run #.....:** 1005143
Prep Date.....: 01/04/01 **Analysis Date...:** 01/04/01
Prep Batch #....: 1005336 **Analysis Time...:** 18:07
Dilution Factor: 1 **Analyst ID.....:** 001464 **Instrument ID..:** G16

<u>PARAMETER</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>	<u>RPD</u>	<u>RPD</u> <u>LIMITS</u>	<u>METHOD</u>
TPH (as Gasoline)	95	(80 - 140)			SW846 8015B
	98	(80 - 140)	3.4	(0-40)	SW846 8015B
<u>SURROGATE</u>		<u>PERCENT</u> <u>RECOVERY</u>		<u>RECOVERY</u> <u>LIMITS</u>	
a,a,a-Trifluorotoluene (TFT)		103		(60 - 130)	
		106		(60 - 130)	

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000165

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #....: E1A030216 **Work Order #....:** DR6N31A2-MS **Matrix.....:** SOLID
MS Lot-Sample #: E1A020144-021 **DR6N31A3-MSD**
Date Sampled....: 01/02/01 13:06 **Date Received...:** 01/02/01 16:30 **MS Run #.....:** 1008114
Prep Date.....: 01/05/01 **Analysis Date...:** 01/05/01
Prep Batch #....: 1008279 **Analysis Time...:** 23:53
Dilution Factor: 1 **Analyst ID.....:** 999998 **Instrument ID..:** MSG

PARAMETER	PERCENT	RECOVERY	RPD	LIMITS	METHOD
	RECOVERY	LIMITS			
1,1-Dichloroethene	114	(60 - 150)			SW846 8260B
	98	(60 - 150)	15	(0-30)	SW846 8260B
Benzene	113	(70 - 140)			SW846 8260B
	104	(70 - 140)	8.7	(0-30)	SW846 8260B
Trichloroethene	110	(70 - 130)			SW846 8260B
	103	(70 - 130)	6.6	(0-30)	SW846 8260B
Toluene	114	(70 - 130)			SW846 8260B
	107	(70 - 130)	6.7	(0-30)	SW846 8260B
Chlorobenzene	110	(70 - 130)			SW846 8260B
	103	(70 - 130)	7.0	(0-30)	SW846 8260B
<hr/>					
SURROGATE	PERCENT	RECOVERY	RECOVERY		
	RECOVERY	LIMITS	LIMITS		
Bromofluorobenzene	108		(70 - 130)		
	106		(70 - 130)		
1,2-Dichloroethane-d4	92		(60 - 140)		
	96		(60 - 140)		
Toluene-d8	110		(70 - 130)		
	107		(70 - 130)		

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000166

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #....: E1A030216

Matrix.....: SOLID

Date Sampled....: 01/02/01 09:00 Date Received..: 01/02/01 17:00

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION- ANALYSIS	WORK DATE	ORDER #
MS Lot-Sample #: E1A030129-001 Prep Batch #...: 1004287								
Mercury	105	(80 - 120)		SW846 7471A		01/04-01/05/01	DR63Q1A1	
	103	(80 - 120)	1.9	(0-20)	SW846 7471A	01/04-01/05/01	DR63Q1A2	
Dilution Factor: 1								
Analysis Time...: 16:29				Instrument ID...: M04		Analyst ID.....: 021088		
MS Run #.....: 1004109								

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

000167

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #....: E1A030216

Matrix.....: SOLID

Date Sampled....: 01/02/01 09:10 **Date Received..:** 01/02/01 17:00

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>	<u>PREPARATION-ANALYSIS DATE</u>	<u>WORK ORDER #</u>
MS Lot-Sample #: E1A030129-002 Prep Batch #....: 1004345							
Aluminum	NC	(80 - 120)		SW846 6010B		01/04-01/05/01	DR63X1A1
	NC	(80 - 120)	(0-25)	SW846 6010B		01/04-01/05/01	DR63X1A2
			Dilution Factor: 1				
			Analysis Time...: 16:02		Instrument ID...: M01		Analyst ID.....: 003119
			MS Run #.....: 1004149				
Arsenic	90	(75 - 115)		SW846 6010B		01/04-01/05/01	DR63X1A3
	89	(75 - 115) 0.96	(0-25)	SW846 6010B		01/04-01/05/01	DR63X1A4
			Dilution Factor: 1				
			Analysis Time...: 16:02		Instrument ID...: M01		Analyst ID.....: 003119
			MS Run #.....: 1004149				
Antimony	19 N	(75 - 115)		SW846 6010B		01/04-01/05/01	DR63X1A5
	18 N	(75 - 115) 5.9	(0-25)	SW846 6010B		01/04-01/05/01	DR63X1A6
			Dilution Factor: 1				
			Analysis Time...: 16:02		Instrument ID...: M01		Analyst ID.....: 003119
			MS Run #.....: 1004149				
Barium	98	(80 - 120)		SW846 6010B		01/04-01/05/01	DR63X1A7
	120	(80 - 120) 12	(0-25)	SW846 6010B		01/04-01/05/01	DR63X1A8
			Dilution Factor: 1				
			Analysis Time...: 16:02		Instrument ID...: M01		Analyst ID.....: 003119
			MS Run #.....: 1004149				
Cadmium	97	(80 - 120)		SW846 6010B		01/04-01/05/01	DR63X1A9
	98	(80 - 120) 1.3	(0-25)	SW846 6010B		01/04-01/05/01	DR63X1CA
			Dilution Factor: 1				
			Analysis Time...: 16:02		Instrument ID...: M01		Analyst ID.....: 003119
			MS Run #.....: 1004149				
Chromium	86	(85 - 120)		SW846 6010B		01/04-01/05/01	DR63X1CC
	93	(85 - 120) 3.1	(0-25)	SW846 6010B		01/04-01/05/01	DR63X1CD
			Dilution Factor: 1				
			Analysis Time...: 16:02		Instrument ID...: M01		Analyst ID.....: 003119
			MS Run #.....: 1004149				
Beryllium	97	(80 - 120)		SW846 6010B		01/04-01/05/01	DR63X1CE
	97	(80 - 120) 0.39	(0-25)	SW846 6010B		01/04-01/05/01	DR63X1CF
			Dilution Factor: 1				
			Analysis Time...: 16:02		Instrument ID...: M01		Analyst ID.....: 003119
			MS Run #.....: 1004149				

(Continued on next page)

000168

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #....: E1A030216

Matrix.....: SOLID

Date Sampled....: 01/02/01 09:10 **Date Received...:** 01/02/01 17:00

<u>PARAMETER</u>	<u>PERCENT</u>	<u>RECOVERY</u>	<u>RPD</u>	<u>PREPARATION-</u>	<u>WORK</u>
	<u>RECOVERY</u>	<u>LIMITS</u>	<u>RPD</u>	<u>ANALYSIS DATE</u>	<u>ORDER #</u>
Lead	95	(80 - 120)		SW846 6010B 01/04-01/05/01	DR63X1CG
	93	(80 - 120)	1.4 (0-25)	SW846 6010B	01/04-01/05/01 DR63X1CH
		Dilution Factor: 1			
		Analysis Time...: 16:02		Instrument ID...: M01	Analyst ID.....: 003119
		MS Run #.....: 1004149			
Selenium	89	(70 - 115)		SW846 6010B 01/04-01/05/01	DR63X1CJ
	88	(70 - 115)	1.6 (0-25)	SW846 6010B	01/04-01/05/01 DR63X1CK
		Dilution Factor: 1			
		Analysis Time...: 16:02		Instrument ID...: M01	Analyst ID.....: 003119
		MS Run #.....: 1004149			
Silver	85	(80 - 120)		SW846 6010B 01/04-01/05/01	DR63X1CL
	83	(80 - 120)	2.7 (0-25)	SW846 6010B	01/04-01/05/01 DR63X1CM
		Dilution Factor: 1			
		Analysis Time...: 16:02		Instrument ID...: M01	Analyst ID.....: 003119
		MS Run #.....: 1004149			
Cobalt	100	(80 - 120)		SW846 6010B 01/04-01/05/01	DR63X1CN
	106	(80 - 120)	4.7 (0-25)	SW846 6010B	01/04-01/05/01 DR63X1CP
		Dilution Factor: 1			
		Analysis Time...: 16:02		Instrument ID...: M01	Analyst ID.....: 003119
		MS Run #.....: 1004149			
Copper	87	(80 - 120)		SW846 6010B 01/04-01/05/01	DR63X1CQ
	95	(80 - 120)	4.4 (0-25)	SW846 6010B	01/04-01/05/01 DR63X1CR
		Dilution Factor: 1			
		Analysis Time...: 16:02		Instrument ID...: M01	Analyst ID.....: 003119
		MS Run #.....: 1004149			
Molybdenum	87	(80 - 120)		SW846 6010B 01/04-01/05/01	DR63X1CT
	87	(80 - 120)	0.10 (0-25)	SW846 6010B	01/04-01/05/01 DR63X1CU
		Dilution Factor: 1			
		Analysis Time...: 16:02		Instrument ID...: M01	Analyst ID.....: 003119
		MS Run #.....: 1004149			
Nickel	86	(80 - 120)		SW846 6010B 01/04-01/05/01	DR63X1CV
	110	(80 - 120)	16 (0-25)	SW846 6010B	01/04-01/05/01 DR63X1CW
		Dilution Factor: 1			
		Analysis Time...: 16:02		Instrument ID...: M01	Analyst ID.....: 003119
		MS Run #.....: 1004149			
Thallium	96	(75 - 120)		SW846 6010B 01/04-01/05/01	DR63X1CX
	95	(75 - 120)	1.1 (0-25)	SW846 6010B	01/04-01/05/01 DR63X1CO
		Dilution Factor: 1			
		Analysis Time...: 16:02		Instrument ID...: M01	Analyst ID.....: 003119
		MS Run #.....: 1004149			

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000169

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #....: E1A030216

Matrix.....: SOLID

Date Sampled...: 01/02/01 09:10 Date Received..: 01/02/01 17:00

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Vanadium	87	(80 - 120)			SW846 6010B	01/04-01/05/01	DR63X1C1
	91	(80 - 120)	2.3	(0-25)	SW846 6010B	01/04-01/05/01	DR63X1C2
		Dilution Factor: 1					
		Analysis Time...: 16:02			Instrument ID...: M01		Analyst ID.....: 003119
		MS Run #.....: 1004149					
Zinc	84	(80 - 120)			SW846 6010B	01/04-01/05/01	DR63X1C3
	87	(80 - 120)	1.6	(0-25)	SW846 6010B	01/04-01/05/01	DR63X1C4
		Dilution Factor: 1					
		Analysis Time...: 16:02			Instrument ID...: M01		Analyst ID.....: 003119
		MS Run #.....: 1004149					

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

N Spiked analyte recovery is outside stated control limits.

000170

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #....: E1A030216

Matrix.....: SOLID

Date Sampled...: 01/03/01 09:50 Date Received..: 01/03/01 16:05

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>	<u>PREPARATION-ANALYSIS DATE</u>	<u>WORK ORDER #</u>
MS Lot-Sample #: E1A030216-006 Prep Batch #....: 1004289							
Mercury	101	(80 - 120)		SW846	7471A	01/04-01/05/01	DR7VJ1AX
	103	(80 - 120)	2.0	(0-20)	SW846	01/04-01/05/01	DR7VJ1A0
Dilution Factor: 1							
Analysis Time...: 17:23				Instrument ID...: M04		Analyst ID.....: 021088	
MS Run #.....: 1004114							

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

000171

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #....: E1A030216

Matrix.....: SOLID

Date Sampled....: 01/03/01 10:00 **Date Received..:** 01/03/01 16:05

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
MS Lot-Sample #: E1A030216-007 Prep Batch #....: 1004349							
Aluminum	NC	(80 - 120)		SW846 6010B		01/04-01/05/01 DR7VN1AX	
	NC	(80 - 120)	(0-25)	SW846 6010B		01/04-01/05/01 DR7VN1A0	
			Dilution Factor: 1				
			Analysis Time...: 19:39		Instrument ID...: M01		Analyst ID.....: 003119
			MS Run #.....: 1004151				
Arsenic	90	(75 - 115)		SW846 6010B		01/04-01/05/01 DR7VN1A1	
	92	(75 - 115) 1.8	(0-25)	SW846 6010B		01/04-01/05/01 DR7VN1A2	
			Dilution Factor: 1				
			Analysis Time...: 19:39		Instrument ID...: M01		Analyst ID.....: 003119
			MS Run #.....: 1004151				
Antimony	31 N	(75 - 115)		SW846 6010B		01/04-01/05/01 DR7VN1A3	
	35 N	(75 - 115) 13	(0-25)	SW846 6010B		01/04-01/05/01 DR7VN1A4	
			Dilution Factor: 1				
			Analysis Time...: 19:39		Instrument ID...: M01		Analyst ID.....: 003119
			MS Run #.....: 1004151				
Barium	90	(80 - 120)		SW846 6010B		01/04-01/05/01 DR7VN1A5	
	97	(80 - 120) 4.1	(0-25)	SW846 6010B		01/04-01/05/01 DR7VN1A6	
			Dilution Factor: 1				
			Analysis Time...: 19:39		Instrument ID...: M01		Analyst ID.....: 003119
			MS Run #.....: 1004151				
Cadmium	98	(80 - 120)		SW846 6010B		01/04-01/05/01 DR7VN1A7	
	100	(80 - 120) 2.3	(0-25)	SW846 6010B		01/04-01/05/01 DR7VN1A8	
			Dilution Factor: 1				
			Analysis Time...: 19:39		Instrument ID...: M01		Analyst ID.....: 003119
			MS Run #.....: 1004151				
Chromium	86	(85 - 120)		SW846 6010B		01/04-01/05/01 DR7VN1A9	
	101	(85 - 120) 5.4	(0-25)	SW846 6010B		01/04-01/05/01 DR7VN1CA	
			Dilution Factor: 1				
			Analysis Time...: 19:39		Instrument ID...: M01		Analyst ID.....: 003119
			MS Run #.....: 1004151				
Beryllium	98	(80 - 120)		SW846 6010B		01/04-01/05/01 DR7VN1CC	
	100	(80 - 120) 1.6	(0-25)	SW846 6010B		01/04-01/05/01 DR7VN1CD	
			Dilution Factor: 1				
			Analysis Time...: 19:39		Instrument ID...: M01		Analyst ID.....: 003119
			MS Run #.....: 1004151				

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000172

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #....: E1A030216

Matrix.....: SOLID

Date Sampled....: 01/03/01 10:00 **Date Received..:** 01/03/01 16:05

<u>PARAMETER</u>	<u>PERCENT</u>	<u>RECOVERY</u>	<u>RPD</u>	<u>PREPARATION-</u>	<u>WORK</u>
	<u>RECOVERY</u>	<u>LIMITS</u>	<u>RPD</u>	<u>ANALYSIS DATE</u>	<u>ORDER #</u>
Lead	94	(80 - 120)		SW846 6010B 01/04-01/05/01	DR7VN1CE
	97	(80 - 120)	3.1 (0-25)	SW846 6010B	01/04-01/05/01 DR7VN1CF
		Dilution Factor: 1			
		Analysis Time...: 19:39		Instrument ID...: M01	Analyst ID.....: 003119
		MS Run #.....: 1004151			
Selenium	89	(70 - 115)		SW846 6010B 01/04-01/05/01	DR7VN1CG
	91	(70 - 115)	2.2 (0-25)	SW846 6010B	01/04-01/05/01 DR7VN1CH
		Dilution Factor: 1			
		Analysis Time...: 19:39		Instrument ID...: M01	Analyst ID.....: 003119
		MS Run #.....: 1004151			
Silver	95	(80 - 120)		SW846 6010B 01/04-01/05/01	DR7VN1CJ
	91	(80 - 120)	3.9 (0-25)	SW846 6010B	01/04-01/05/01 DR7VN1CK
		Dilution Factor: 1			
		Analysis Time...: 19:39		Instrument ID...: M01	Analyst ID.....: 003119
		MS Run #.....: 1004151			
Cobalt	100	(80 - 120)		SW846 6010B 01/04-01/05/01	DR7VN1CL
	104	(80 - 120)	3.2 (0-25)	SW846 6010B	01/04-01/05/01 DR7VN1CM
		Dilution Factor: 1			
		Analysis Time...: 19:39		Instrument ID...: M01	Analyst ID.....: 003119
		MS Run #.....: 1004151			
Copper	96	(80 - 120)		SW846 6010B 01/04-01/05/01	DR7VN1CN
	103	(80 - 120)	3.4 (0-25)	SW846 6010B	01/04-01/05/01 DR7VN1CP
		Dilution Factor: 1			
		Analysis Time...: 19:39		Instrument ID...: M01	Analyst ID.....: 003119
		MS Run #.....: 1004151			
Molybdenum	89	(80 - 120)		SW846 6010B 01/04-01/05/01	DR7VN1CQ
	91	(80 - 120)	2.0 (0-25)	SW846 6010B	01/04-01/05/01 DR7VN1CR
		Dilution Factor: 1			
		Analysis Time...: 19:39		Instrument ID...: M01	Analyst ID.....: 003119
		MS Run #.....: 1004151			
Nickel	96	(80 - 120)		SW846 6010B 01/04-01/05/01	DR7VN1CT
	104	(80 - 120)	5.4 (0-25)	SW846 6010B	01/04-01/05/01 DR7VN1CU
		Dilution Factor: 1			
		Analysis Time...: 19:39		Instrument ID...: M01	Analyst ID.....: 003119
		MS Run #.....: 1004151			
Thallium	96	(75 - 120)		SW846 6010B 01/04-01/05/01	DR7VN1CV
	97	(75 - 120)	1.9 (0-25)	SW846 6010B	01/04-01/05/01 DR7VN1CW
		Dilution Factor: 1			
		Analysis Time...: 19:39		Instrument ID...: M01	Analyst ID.....: 003119
		MS Run #.....: 1004151			

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000173

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #....: E1A030216

Matrix.....: SOLID

Date Sampled...: 01/03/01 10:00 Date Received..: 01/03/01 16:05

PARAMETER	PERCENT	RECOVERY	RPD	METHOD	PREPARATION-	WORK
	RECOVERY	LIMITS	RPD		ANALYSIS DATE	ORDER #
Vanadium	89	(80 - 120)		SW846 6010B	01/04-01/05/01	DR7VN1CX
	97	(80 - 120)	3.7 (0-25)	SW846 6010B	01/04-01/05/01	DR7VN1C0
		Dilution Factor: 1				
		Analysis Time...: 19:39		Instrument ID...: M01		Analyst ID.....: 003119
		MS Run #.....: 1004151				
Zinc	89	(80 - 120)		SW846 6010B	01/04-01/05/01	DR7VN1C1
	101	(80 - 120)	4.7 (0-25)	SW846 6010B	01/04-01/05/01	DR7VN1C2
		Dilution Factor: 1				
		Analysis Time...: 19:39		Instrument ID...: M01		Analyst ID.....: 003119
		MS Run #.....: 1004151				

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

N Spiked analyte recovery is outside stated control limits.

000174

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #....: E1A030216 Work Order #....: DR7VP1AX-MS Matrix.....: SOLID
 MS Lot-Sample #: E1A030216-008 DR7VP1A0-MSD
 Date Sampled....: 01/03/01 10:05 Date Received...: 01/03/01 16:05 MS Run #.....: 1008181
 Prep Date.....: 01/07/01 Analysis Date...: 01/07/01
 Prep Batch #....: 1008374 Analysis Time...: 16:40
 Dilution Factor: 1 Analyst ID.....: 999998 Instrument ID..: MSG

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>LIMITS</u>	<u>METHOD</u>
1,1-Dichloroethene	108	(60 - 150)			SW846 8260B
	105	(60 - 150)	3.3	(0-30)	SW846 8260B
Benzene	99	(70 - 140)			SW846 8260B
	98	(70 - 140)	0.59	(0-30)	SW846 8260B
Trichloroethene	107	(70 - 130)			SW846 8260B
	105	(70 - 130)	1.9	(0-30)	SW846 8260B
Toluene	100	(70 - 130)			SW846 8260B
	98	(70 - 130)	1.9	(0-30)	SW846 8260B
Chlorobenzene	99	(70 - 130)			SW846 8260B
	97	(70 - 130)	2.0	(0-30)	SW846 8260B
<u>SURROGATE</u>					
Bromofluorobenzene	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>			
	107	(70 - 130)			
1,2-Dichloroethane-d4	108	(70 - 130)			
	107	(60 - 140)			
Toluene-d8	111	(60 - 140)			
	105	(70 - 130)			
	105	(70 - 130)			

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000175

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #....: E1A030216 **Work Order #....:** DR7VQ1A1-MS **Matrix.....:** SOLID
MS Lot-Sample #: E1A030216-009 **DR7VQ1A2-MSD**
Date Sampled....: 01/03/01 10:35 **Date Received...:** 01/03/01 16:05 **MS Run #.....:** 1004208
Prep Date.....: 01/04/01 **Analysis Date...:** 01/09/01
Prep Batch #....: 1004472 **Analysis Time...:** 19:45
Dilution Factor: 1 **Analyst ID.....:** 356074 **Instrument ID..:** G03

PARAMETER	PERCENT	RECOVERY	RPD	LIMITS	METHOD
	<u>RECOVERY</u>	<u>LIMITS</u>			
TPH (as Diesel)	60	(60 - 130)			SW846 8015B
	65	(60 - 130)	8.3	(0-35)	SW846 8015B
SURROGATE	PERCENT	RECOVERY		RECOVERY	
Benzo(a)pyrene	<u>RECOVERY</u>			<u>LIMITS</u>	
	78			(60 - 130)	
	87			(60 - 130)	

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000176

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #....: E1A030216 **Work Order #....:** DR7V01A1-MS **Matrix.....:** SOLID
MS Lot-Sample #: E1A030216-015 DR7V01A2-MSD
Date Sampled....: 01/03/01 13:20 **Date Received...:** 01/03/01 16:05 **MS Run #.....:** 1009071
Prep Date.....: 01/08/01 **Analysis Date...:** 01/08/01
Prep Batch #....: 1009200 **Analysis Time...:** 12:02
Dilution Factor: 1 **Analyst ID.....:** 999998 **Instrument ID..:** MSG

<u>PARAMETER</u>	<u>PERCENT</u>	<u>RECOVERY</u>	<u>RPD</u>	<u>RD</u>	<u>METHOD</u>
	<u>RECOVERY</u>	<u>LIMITS</u>		<u>LIMITS</u>	
1,1-Dichloroethene	116	(60 - 150)			SW846 8260B
	119	(60 - 150)	1.9	(0-30)	SW846 8260B
Benzene	110	(70 - 140)			SW846 8260B
	113	(70 - 140)	2.8	(0-30)	SW846 8260B
Trichloroethene	112	(70 - 130)			SW846 8260B
	114	(70 - 130)	2.0	(0-30)	SW846 8260B
Toluene	105	(70 - 130)			SW846 8260B
	103	(70 - 130)	1.9	(0-30)	SW846 8260B
Chlorobenzene	100	(70 - 130)			SW846 8260B
	104	(70 - 130)	3.4	(0-30)	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>	<u>LIMITS</u>
	<u>RECOVERY</u>		
Bromofluorobenzene	106		(70 - 130)
	111		(70 - 130)
1,2-Dichloroethane-d4	115		(60 - 140)
	116		(60 - 140)
Toluene-d8	108		(70 - 130)
	111		(70 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000177

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #....: E1A030216 **Work Order #....:** DR7V11A1-MS **Matrix.....:** SOLID
MS Lot-Sample #: E1A030216-016 **DR7V11A2-MSD**
Date Sampled....: 01/03/01 13:47 **Date Received...:** 01/03/01 16:05 **MS Run #.....:** 1005145
Prep Date.....: 01/05/01 **Analysis Date...:** 01/05/01
Prep Batch #....: 1005337 **Analysis Time...:** 01:43
Dilution Factor: 1 **Analyst ID.....:** 001464 **Instrument ID..:** G16

PARAMETER	PERCENT	RECOVERY	RPD	RPD	METHOD
	RECOVERY	LIMITS		LIMITS	
TPH (as Gasoline)	96	(80 - 140)			SW846 8015B
	99	(80 - 140)	3.8	(0-40)	SW846 8015B
SURROGATE	PERCENT	RECOVERY		RECOVERY	
a,a,a-Trifluorotoluene (TFT)	RECOVERY	106		LIMITS	(60 - 130)
		107			(60 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000178

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #....:	E1A030216	Work Order #....:	DR70N1AC-MS	Matrix.....:	WATER
MS Lot-Sample #:	E1A030220-002				DR70N1AD-MSD
Date Sampled....:	01/03/01 08:30	Date Received...:	01/03/01 17:00	MS Run #.....:	1004152
Prep Date.....:	01/04/01	Analysis Date...:	01/04/01		
Prep Batch #....:	1004348	Analysis Time...:	06:45		
Dilution Factor:	1	Analyst ID.....:	004648	Instrument ID..:	MSC

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	93	(75 - 120)	4.8	(0-25)	SW846 8260B
	98	(75 - 120)			SW846 8260B
1,1-Dichloroethene	104	(70 - 130)	6.7	(0-25)	SW846 8260B
	111	(70 - 130)			SW846 8260B
Chlorobenzene	93	(80 - 120)	3.1	(0-25)	SW846 8260B
	96	(80 - 120)			SW846 8260B
Toluene	90	(80 - 120)	2.5	(0-25)	SW846 8260B
	93	(80 - 120)			SW846 8260B
Trichloroethene	94	(75 - 130)	4.7	(0-25)	SW846 8260B
	98	(75 - 130)			SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	108	(75 - 120)
	110	(75 - 120)
1,2-Dichloroethane-d4	126	(65 - 130)
	130	(65 - 130)
Toluene-d8	110	(80 - 130)
	113	(80 - 130)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

000179